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Clinical Investigation—Papers that authors wish considered for the Clinical Investigation section should be so designated in the transmittal letter.

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ALLERGY AND IMMUNOLOGY

February 29-March 3—**7th Annual Course: Immunology and Clinical Practice of Allergy.** UCSD. Wednesday-Saturday. 20 hrs.

March 1-3—**8th Annual Course: Immunology and the Clinical Practice of Allergy.** American Academy of Allergy and Immunology and UCSD at San Diego Hilton Hotel, Mission Bay, San Diego. Thursday-Saturday. Contact: UCSD.

June 13-15—**Contemporary Aspects of Clinical Immunology.** American Society of Clinical Pathologists at San Diego. Wednesday-Friday. 18.5 hrs. Contact: Regional Ed. Activities, 2100 W. Harrison St., Chicago 60612. (312) 738-1336, ext. 129.

ANESTHESIOLOGY

February 18-19—**American Society of Anesthesiologists Regional Refresher Course** at San Francisco Hilton Hotel. Saturday-Sunday. Contact: ASA, 515 Busse Hwy, Park Ridge, IL 60068. (312) 825-5586.

February 18-24—**12th Obstetric Anesthesia Conference.** Ohio State University Hospital, Dept. of Anesthesiology at Sheraton Waikiki Hotel, Waikiki, HI. One week. 20 hrs. Contact: The Ohio State University Hospital, Dept. of Anesthesiology, 410 W. 10th Ave., Columbus, Ohio 43210. (614) 421-8487.

March 8-11—**Anesthesia for Obstetrics.** UCSF. Thursday-Sunday.

April 9-13—**Critical Care Medicine 10th Hawaiian Seminar.** California Society of Anesthesiologists at Sheraton Kauai Hotel, Poipu Beach, Kauai. Monday-Friday. Contact: CSA, 100 S. Ellsworth Ave., Ste. 806, San Mateo 94401. (415) 348-1407.

June 14-17—**Annual Scientific Meeting of the California Society of Anesthesiologists** at Disneyland Hotel, Anaheim. Thursday-Sunday. Contact: CSA, 100 S. Ellsworth Ave., Ste. 806, San Mateo 94401. (415) 348-1407.

CANCER

February 15-17—**Clinical Laboratory Molecular Analyses: New Strategies in Autoimmunity, Cancer, and Virology.** Scripps Clinic and Research Foundation and Mayo Clinic at Vacation Village, San Diego. Wednesday-Friday. 21 hrs. \$290. Contact: Dianne Tisue, Dept. of Academic Affairs, 400S, Scripps Clinic and Research Fndn, 10666 N. Torrey Rd., La Jolla 93037.

February 24-25—**Intra-Arterial and Intracavitary Chemotherapy 1984.** UCSD at Holiday Inn at the Embarcadero, San Diego. Friday-Saturday. 14 hrs. \$250.

March 1-3—**UCLA Winter Oncology Conference.** UCLA at Miramar-Sheraton Hotel, Santa Monica. Thursday-Saturday. 18.5 hrs. \$360.

March 31—**Controversies in Breast Cancer.** St. Agnes Medical Center, Fresno. Saturday. 7 hrs. \$40. Contact: Carol Witham, ART, Coord. Tumor Reg., Cancer Program, St. Agnes Med. Ctr., 1303 E. Herndon Ave., Fresno 93710. (209) 449-3570.

May 18-20—**The Primary Care Physician and Cancer.** UCSD at Vacation Village, San Diego. Friday-Sunday.

CARDIOLOGY

February 15-18—**Cardiopulmonary Management of the Critically Ill Patient.** American College of Chest Physicians at Sheraton Palace Hotel, San Francisco. Wednesday-Saturday. Contact: ACCP, Div. of Ed., 911 Busse Hwy, Park Ridge, IL 60068.

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KEY TO ABBREVIATIONS

- CMA:** California Medical Association
Contact: Continuing Medical Education, California Medical Association, 44 Gough Street, San Francisco 94103. (415) 863-5522.
- DREW:** Charles R. Drew Postgraduate Medical School
Contact: Flora Harlee-Cordett, MS, MPH, Office of Continuing Education, Charles R. Drew Postgraduate Medical School, 1621 East 120th Street, Los Angeles 90059. (213) 603-3183.
- LLU:** Loma Linda University
Contact: Varner J. Johns, Jr., MD, Associate Dean for Continuing Medical Education, Loma Linda University School of Medicine, Loma Linda 92354. (714) 796-7311, ext. 2400.
- PMC:** Pacific Medical Center
Contact: Continuing Education, Pacific Medical Center, P.O. Box 7999, San Francisco 94120. (415) 563-4321, ext. 2761.
- STAN:** Stanford University
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- UCD:** University of California, Davis
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- UCI:** University of California, Irvine
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- UCLA:** University of California, Los Angeles
Contact: Martin D. Shickman, MD, Director, Continuing Education in Medicine and the Health Sciences, P.O. Box 24902, UCLA, Los Angeles 90024. (213) 825-7241.
- UCSD:** University of California, San Diego
Contact: Office of Continuing Medical Education, University of California, San Diego, School of Medicine (M-017), La Jolla 92093. (619) 452-3940.
- UCSF:** University of California, San Francisco
Contact: David S. Gullion, MD, Director, Extended Programs in Medical Education, School of Medicine, University of California, San Francisco 94143. (415) 666-4251.
- USC:** University of Southern California
Contact: Phil R. Manning, MD, Associate Dean, Postgraduate Division, University of Southern California School of Medicine, 2025 Zonal Avenue, Los Angeles 90033. (213) 224-7051.

February 16-18—**Consultative Cardiology: Update in Diagnostic and Therapeutic Techniques.** American College of Cardiology and Orange Coast Heart Institute, Hoag Memorial Hospital Presby. at Newport Beach Marriott Hotel and Tennis Club, Newport Beach. Thursday-Saturday. Contact: Registration Secretary, Extramural Programs Department, ACC, 911 Old Georgetown Rd., Bethesda, MD 20814.

February 23-25—**Duplex Scanning.** Scripps Clinic and the Institute for Medical Studies at San Diego. Thursday-Saturday. 15 hrs. Contact: Kim Stroich, IMS, 14761 Franklin Ave., Ste. A, Tustin 92680. (714) 832-2650.

March 2-4—**Cardiovascular Disease: Non-Invasive Diagnostic Methods and Cardiac Rehabilitation.** International Medical Education Corporation at Islandia Hyatt, San Diego. Friday-Sunday. Contact: IMEC, Div. of Postgraduate and CME, 64 Inverness Dr. E., Englewood, CO 80112.

March 4-7—**Basic Cardiology for the Practicing Physician.** UCSF at Lake Tahoe. Sunday-Wednesday. \$15 hrs. \$225.

March 9-11—**Pathophysiology and Techniques of Cardiopulmonary Bypass IV.** See Surgery, March 9-11.

March 16-18—**Advanced Cardiovascular Diagnostic, Rehabilitation and Patient Follow-up Methods.** International Medical Education Corporation at St. Francis Hotel, San Francisco. Friday-Sunday. Contact: IMEC, Div. of Postgraduate and CME, 64 Inverness Dr. E., Englewood, CO 80112.

March 16-18—**ECG Interpretation and Arrhythmia Management.** International Medical Education Corporation at Marriott Hotel, Palm Springs. Friday-Sunday. Contact: IMEC, Div. of Postgraduate and CME, 64 Inverness Dr. E., Englewood, CO 80112.

March 18-24—**Current Drug Usage in Cardiac Medicine: An EPIC Medical Expedition.** American Institute of Primary Care Medicine and University of Arizona College of Medicine sailing at Maui, Molokai, and Lanai, HI. One week. 24 hrs. Contact: Richard F. Paris, MD. (208) 788-4995.

March 19-20—**Advanced Cardiac Life Support.** See Emergency Medicine, March 19-20.

March 24—**Reflections on Cardiac Surgery.** See Surgery, March 24.

April 18-20—**Moguls of Cardiology.** American Heart Association, Golden Empire Chapter at Caesars Tahoe, Lake Tahoe. Wednesday-Friday. Contact: AHA, Golden Empire Chapt., P.O. Box 160126, 1727 30th St., Sacramento 95816. (916) 454-0701.

April 28—**50,000 Open-Heart Operations.** See Surgery, April 28.

May 4-6—**ECG Interpretation and Arrhythmia Management.** International Medical Education Corporation at Sheraton Palace, San Francisco. Friday-Sunday. Contact: IMEC, Div. of Postgraduate and CME, 64 Inverness Dr. E., Englewood, CO 80112.

May 12—**Cardiac Surgery Research.** See Surgery, May 12.

May 12—**Cardiovascular Symposium.** Marian Medical Center at Holiday Inn, Santa Maria. Saturday. 6 hrs. Contact: Alfred Sanfilippo, MD, Dir. CME, Marian Med. Ctr., 1400 E. Church, Santa Maria 93454. (805) 922-5811, ext. 115.

May 18-20—**Decision Making in Congenital Heart Disease.** Children's Hospital and Health Center and Donald N. Sharp Memorial Community Hospital at Sheraton Harbor Island Hotel, San Diego. Friday-Sunday. 18 hrs. \$350. Contact: Congenital Heart Disease, P.O. Box 9494, San Diego 92109. (619) 272-3126.

May 21-22—**Advanced Cardiac Life Support.** See Emergency Medicine, May 21-22.

June 10-13—**Advanced Echocardiography—1984: Interactions with NMR, Digital Angiography and CT Scanning.** American College of Cardiology at San Diego. Sunday-Wednesday. Contact: Reg. Sec., Extramural Programs Dept., ACC, 911 Old Georgetown Rd., Bethesda, MD 20814.

June 25-27—**Cardiac Morphology: Echocardiographic, Nuclear Imaging, Necropsy Correlations.** American College of Cardiology and Indiana University School of Medicine at Hyatt Lake Tahoe, Incline Village. Monday-Wednesday. Contact: Reg. Sec., Extramural Programs Dept., ACC, 911 Old Georgetown Rd., Bethesda, MD 20814.

June 25-29—**National Board Review Course in Pulmonary Medicine.** American College of Chest Physicians at Sheraton Palace Hotel, San Francisco. Monday-Friday. 28 hrs. Contact: Dept. of Ed., ACCP, 911 Busse Hwy, Park Ridge, IL 60068. (312) 698-2200.

August 12-17—**Current Concepts in Cardiology.** UCD at Hyatt Lake Tahoe, Incline Village. Sunday-Friday.

EMERGENCY MEDICINE

February 26-March 2—**Emergency Medicine: 1984 7th Annual UCD Winter Conference.** UCD at Hyatt Lake Tahoe, Incline Village. Sunday-Friday. 7 hrs. \$345.

March 4-9—**5th Annual Mammoth Mountain Emergency Medicine Ski Conference.** Medical Conferences, Inc., UCI and Orange County Emergency Department Nurses Association at Mammoth Lakes. Sunday-Friday. 20 hrs. \$325. Contact: Medical Conferences, Inc., P.O. Box 52-B, Newport Beach 92662. (714) 650-4156.

March 5-8—**22nd Annual Critical Care Medicine Symposium.** USC at MGM Grand Hotel, Las Vegas. Monday-Thursday. 25 hrs. \$395.

March 12-16—**Postgraduate Institute for Emergency Physicians, Symposium II.** UCSD at La Jolla Village Hotel, La Jolla. Monday-Friday.

March 14-16—**Advances in Controversies in Acute Respiratory Failure.** California Thoracic Society at Santa Barbara Biltmore Hotel, Santa Barbara. Wednesday-Friday. Contact: CTS, 424 Pendleton Way, Oakland 94621. (415) 638-5864.

March 19-20—**Advanced Cardiac Life Support.** Emergency Care Education Center, Inc., Emergency Department Physicians, Inc., and Greater Los Angeles Affiliate American Heart Association at Queen Mary, Long Beach. Monday-Tuesday. 16 hrs. \$225. Contact: ECEC-ACLS, 4640 Admiralty Way, Ste. 508, Marina del Rey 90291. (213) 822-1312.

April 7-14—**Critical Care Medicine.** USC at Mauna Lani, HI. One week.

April 11—**Cardiac Emergencies.** LLU. Wednesday. 4 hrs. \$50.

April 12-14—**Current Emergency Diagnosis and Treatment.** UCSF. Thursday-Saturday. 16 hrs. \$260.

April 14-21—**Problems and Controversies in Emergency Medicine.** UCSD and Scripps Memorial Hospital, Encinitas at Maui. One week. 21 hrs. \$335. Contact: UCSD.

April 30-May 4—**Postgraduate Institute for Emergency Physicians, Symposium I.** UCSD at Hanalei Hotel, San Diego. Monday-Friday.

May 4-5—**1st Annual Emergency Symposium.** Southern California Kaiser-Permanente Medical Group at Century Plaza Hotel, Los Angeles. Friday-Saturday. 11 hrs. \$150. Contact: Dept. of Clinical Services, SCKPM Care Program, 4747 Sunset Blvd., Los Angeles 90027.

May 21-22—**Advanced Cardiac Life Support.** Emergency Care Education Center Inc., Emergency Department Physicians Inc., and Greater Los Angeles Affiliate American Heart Association at Queen Mary, Long Beach. Monday-Tuesday. 16 hrs. \$225. Contact: ECEC-ACLS, 4640 Admiralty Way, Ste. 508, Marina del Rey 90291. (213) 822-1312.

June 11-15—**Postgraduate Institute for Emergency Physicians, Symposium III.** UCSD at Hanalei Hotel, San Diego. Monday-Friday. 33 hrs.

June 25-29—**Topics in Emergency Medicine.** UCSF at Sheraton Wharf, San Francisco. Monday-Friday. \$425.

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INFORMATION FOR AUTHORS

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References should be limited to those cited in the text. They must be typed double-spaced and numbered consecutively as they appear in the manuscript. (See examples below for style.) Abbreviations of journal titles should conform to those used in *Index Medicus*.

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1. Jones JS, Andersen HW, Johnson DW, et al: The athletic heart revisited—Sudden death of a 28-year-old athlete. *JAMA* 1978 Apr 26; 292:444-456

2. Graybill JR, Alford RH, Smith RG, et al: Cell-mediated immunity in cryptococcosis: A brief review. *Cell Immunol* 1978 Sep; 7:76-79

Books

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3. Berne EJ, Smith TL: Role playing in therapy, chap 2, *Principles of Group Therapy*. New York, Oxford University Press, 1966, pp 35-51 (*author of chapter same as author of book*)

4. Munsung JM: The role of drugs, chap 2, *In* Brest AN, Mayer JH (Eds): *Hypertension—Vol 2, Therapy*, 2nd Ed. Springfield, Ill, Charles C Thomas, 1961, pp 456-479 (*author of chapter different from authors of book*)

Pamphlets, Monographs or Books With No Given Author

5. AMA Department of Drugs: *AMA Drug Evaluation*, 3rd Ed. Littleton, Mass, Publishing Sciences Group, 1977 (*corporate author*)

6. *Compilation of Standard Definitions*, 3rd Ed. Philadelphia, American Society for Testing and Materials, 1976 (*no given author; give name and place of publisher*)

Articles in Press or Accepted for Publication

Any article accepted for publication should include the name of the journal (appropriately abbreviated) in which it will appear, and the phrase "in press" or "accepted for publication" in place of the date of publication.

Personal Communications and Unpublished Data

This information should *not* be included in the reference list but should be given in parentheses in the body of the text. Date of communication, whether it was personal or written, and the person's name, highest academic degree and professional affiliation should be provided.

Acknowledgments

It is the policy of the *WJM* not to print acknowledgments, the feeling being that if a person has contributed enough to a paper to be mentioned, he or she should be included among the authors, or the contribution should be mentioned in the body of the paper or in a footnote.

Correspondence

Brief manuscripts commenting on articles that have appeared in the journal, containing information of interest to physicians or discussing issues of the day will be considered for publication. Very short reports of cases, clinical experience, clinical studies, adverse effects and the like also will be considered. Items for the Correspondence section should not exceed 600 words and should have no more than five bibliographic references and one figure or table.

Author Responsibility

Authors are responsible for all statements made in articles. Manuscripts are considered for publication with the explicit understanding that they are original, have not been published previously and are not simultaneously under consideration by any other publication.

All accepted manuscripts are subject to copy editing, and authors are sent edited galleys for approval. No changes will be made after the final, edited version has been approved by the author.

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(Continued from Page 195)

July 6-8—Trauma and CPR Update—Whitewater Raft Conference. Mercy Medical Center, Redding at Klamath and Salmon Rivers. Friday-Sunday. 10 hrs. \$295. Contact: Jerry Fikes, RN, Mercy Hospital, P.O. Box 6009, Redding 96099.

July 16-20—Postgraduate Institute for Emergency Physicians. UCSD. Monday-Friday. 33 hrs.

July 30-31—Advanced Cardiac Life Support. Emergency Care Education Center, Emergency Department Physicians, and Greater Los Angeles Affiliate American Heart Association at Queen Mary, Long Beach. Monday-Tuesday. 16 hrs. \$225. Contact: ECEC-ACLS, 4640 Admiralty Way, Ste. 508, Marina Del Rey 90291. (213) 822-1312.

August 22-24—Ambulatory Surgery and Hysteroscopy. American College of Obstetrics and Gynecology at Hotel del Coronado, Coronado. Wednesday-Friday. Contact: ACOG Reg., Ste. 300 E, 600 Maryland Ave., SW, Washington DC 20024.

August 23-26—Wilderness Emergency Care—Mt. Shasta Summit Expedition. Mercy Medical Center, Redding at Mt. Shasta. Thursday-Sunday. 10 hrs. \$350. Contact: Jerry Fikes, RN, Mercy Hospital, P.O. Box 6009, Redding 96099.

August 27-31—Topics in Emergency Medicine. UCSF at San Francisco. Monday-Friday. \$425.

INTERNAL MEDICINE

February 17-18—Infectious Disease. UCD at Red Lion Inn, Sacramento. Friday-Saturday.

February 17-19—Mind and Metabolism: Regulation and Self-Regulation of the Autonomic and Central Nervous System. UCLA. Friday-Sunday.

February 23-26—State of the Art in Neurosciences. Federation of Western Societies of Neurological Science at Silverado

Country Club, Napa. Thursday-Sunday. 18 hrs. Contact: FWSNS, 525 Hurlingham Ave., San Mateo 94402. (415) 340-9084.

March 2—10th Annual Diabetes Program. UCD at Sacramento Inn, Sacramento. Friday.

March 7-10—Office Endocrinology. UCSF at Hyatt Lake Tahoe. Wednesday-Saturday. 15 hrs. \$225.

March 8-10—1984 International Symposium on Viral Hepatitis. UCSF at Hilton, San Francisco. Thursday-Saturday.

March 8-10—Advanced Nephrology and Hypertension: Nephrology for the Consultant. Annenberg Center for Health Sciences and UCSD at Annenberg Center, Rancho Mirage. Thursday-Saturday. 18 hrs. Contact: Annenberg Center for Health Sciences, Eisenhower Medical Center, 39000 Bob Hope Dr., Rancho Mirage 92270. (619) 340-3911, ext. 1661.

March 14—Arthritis of the Single Joint. LLU. Wednesday. \$50.

March 15-16—New Concepts in Hemophilia Treatment. UCD at Capitol Plaza Holiday Inn, Sacramento. Thursday-Friday.

March 15-17—4th International Conference in Coccidioidomycosis. American College of Chest Physicians at Hyatt Islandia Hotel, San Diego. Thursday-Friday. Contact: AACCP, Div. of Ed., 911 Busse Hwy, Park Ridge, IL 60068.

March 15-17—Frontiers in Rheumatology. Annenberg Center for Health Sciences of the Eisenhower Medical Center, Rancho Mirage. Thursday-Saturday. 16 hrs. Contact: Annenberg Center for Health Sciences-A, Eisenhower Medical Center, 39000 Bob Hope Dr., Rancho Mirage 92270. (800) 621-7322.

March 23—11th Annual Neurology Symposium. Southern California Kaiser-Permanente Medical Care Program at Biltmore Hotel, Los Angeles. Friday. Contact: Dept. of Clinical Services, 4747 Sunset Blvd., Los Angeles 90027. (213) 667-4241.

(Continued on Page 204)

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- March 26-27—**Circulatory Problems in the Aging Adult.** Eisenhower Medical Center at Annenberg Center, Rancho Mirage. Monday-Tuesday. Contact: Annenberg Center for Health Sciences-A, Eisenhower Medical Center, 39000 Bob Hope Dr., Rancho Mirage 92270. (800) 621-7322.
- March 29-30—**1984 Updates: Medical and Behavioral Treatment.** See Of Interest To All Physicians, March 29-30.
- March 30—**A Focus on CCPD for Adults and Children.** UCLA at Century Plaza Hotel, Los Angeles. Friday. 7 hrs. \$35.
- March 31-April 7—**Diagnostic and Therapeutic Skills.** USC at Mauna Kea Hotel, Mauna Kea, HI. One week.
- April 4—**Thyroid '84.** The Hospital of the Good Samaritan at Hyatt Regency Hotel, Los Angeles. Wednesday. 6 hrs. Contact: Dolores Gay, Coordinator of Symposia, 616 S. Witmer St., Los Angeles 90017. (213) 977-2352.
- April 12-14—**Surgery of the Upper Extremity in Rheumatoid Arthritis.** Eisenhower Medical Center at Annenberg Center, Rancho Mirage. Thursday-Saturday. 12 hrs. Contact: Annenberg Center for Health Sciences-A, Eisenhower Medical Center, 39000 Bob Hope Dr., Rancho Mirage 92270. (800) 621-7322.
- April 28-May 5—**New Concepts in Gastroenterology: An EPIC Medical Expedition.** American Institute of Primary Care Medicine and University of Arizona College of Medicine at Poplin Creek Estate, Ojai. One week. 24 hrs. Contact: Richard F. Paris, MD. (208) 788-4995.
- May 7-11—**Advances in Internal Medicine.** UCSF at Hyatt Regency, San Francisco. Monday-Friday.
- May 7-11—**Clinical Microbiology Update.** American Society of Clinical Pathologists at San Francisco. Monday-Friday. 29.5 hrs. Contact: Regional Ed. Activities, 2100 W. Harrison St., Chicago, IL 60612. (312) 738-1336, ext. 129.
- May 28-30—**Endocrinology in Clinical Practice.** UCSF. Monday-Wednesday.
- June 13-15—**Gastroenterology: Recent Developments in Theory and Practice.** UCSF at Stanford Court Hotel, San Francisco. Wednesday-Friday. \$375.
- June 18-22—**Advances in Internal Medicine.** UCSF at Hyatt Regency, San Francisco. Monday-Friday. \$465.
- June 22-24—**Update on Cardiovascular Drugs—Whitewater Raft Conference.** Mercy Medical Center, Redding at Klamath and Salmon Rivers. Friday-Sunday. 10 hrs. \$295. Contact: Jerry Fikes, RN, Mercy Hospital, P.O. Box 6009, Redding 96099.
- July 7-14—**32nd Annual Intensive Review of Internal Medicine.** USC. One week. \$475.
- July 20-22—**Infectious Disease.** Mercy Medical Center, Redding at Klamath and Salmon Rivers. Friday-Sunday. \$295. Contact: Jerry Fikes, RN, Mercy Hospital, P.O. Box 6009, Redding 96099.
- July 29-August 1—**Biomedical Ethics—Wilderness Horseback Conference.** Mercy Medical Center, Redding at Trinity Alps Wilderness. Sunday-Wednesday. 10 hrs. \$350. Contact: Jerry Fikes, RN, Mercy Hospital, P.O. Box 6009, Redding 96099.
- August 19-24—**New Advances in Internal Medicine.** UCD at Hyatt Del Monte, Monterey. Sunday-Friday.

OBSTETRICS AND GYNECOLOGY

- February 15-17—**Common Problems in Obstetrics.** American College of Obstetrics and Gynecology at Riviera Hotel, Las Vegas. Wednesday-Friday. 16 hrs. Contact: ACOG Registrar, Ste. 300 E, 600 Maryland Ave., SW, Washington, DC 20024.
- February 16-18—**Advanced Fetal Heart Rate Monitoring.** Memorial Hospital Medical Center and UCI at Sheraton-Waikiki, Oahu. Thursday-Saturday. 10 hrs. Contact: Asst. Dir., Center for Health Education, 2801 Atlantic Ave., Long Beach 90801-1428.

February 18—**Endometriosis Update: 1984.** Scripps Clinic and Research Foundation, La Jolla. Saturday. Contact: Dianne Tissue: Conf. Coord., Scripps Clinic and Research Fndn, 10666 N. Torrey Pines Rd., La Jolla 92037.

February 25—**Office Gynecology.** UCLA. Saturday.

March 8-11—**Anesthesia for Obstetrics.** See Anesthesia, March 8-11.

March 14-17—**Contemporary Obstetrics: A Guide to the Physician in Practice.** March of Dimes Birth Defects Foundation, Orange County Chapter, UCI and St. Joseph Hospital at Disneyland Hotel, Anaheim. Wednesday-Saturday. 21.5 hrs. \$210. Contact: Michelle S. Wampler, March of Dimes Birth Defects Foundation, Orange County Chapter, Rea Community Center, 661 Hamilton, #650, Costa Mesa 92627-2690.

March 23-25—**Gynecologic Surgery with Emphasis on Gynecologic Urology.** Memorial Hospital Medical Center and UCI at Hilton Riviera, Palm Springs. Friday-Sunday. 15 hrs. Contact: Asst. Dir., Center for Health Ed., 2801 Atlantic Ave., Long Beach 90801-1428.

April 8-10—**OB/GYN for the Practicing Physician.** UCSF at Yosemite. Sunday-Tuesday.

April 11-13—**Endocrine Physiology of Pregnancy.** UCSF. Wednesday-Friday.

April 16-19—**Diagnostic Cytology of the Female Genital Tract.** American Society of Clinical Pathologists at San Francisco. Monday-Thursday. 22.5 hrs. Contact: Regional Ed. Activities, 2100 W. Harrison St., Chicago 60612. (312) 738-1336, ext. 129.

April 27-28—**29th Annual T. Hart Baker MD Obstetrics and Gynecology Symposium.** Southern California Kaiser-Permanente Medical Care Program at South Coast Plaza Hotel, Costa Mesa. Friday-Saturday. Contact: Dept. of Clinical Services, 4747 Sunset Blvd., Los Angeles 90027. (213) 667-4241.

May 5-10—**32nd Annual Clinical Meeting of American College of Obstetrics and Gynecology** at San Francisco. Saturday-Thursday. 17 hrs. Contact: ACOG, Registrar, Ste. 300 E, 600 Maryland Ave., SW, Washington, DC 20024.

May 13-16—**Recent Advances in Obstetrics and Gynecology.** UCSD. Sunday-Wednesday.

May 30-June 2—**Controversies in Obstetrics and Gynecology.** Memorial Hospital Medical Center and UCI at Silverado Country Club and Resort, Napa. Wednesday-Saturday. 20 hrs. Contact: Asst. Dir., Center for Health Ed., 2801 Atlantic Ave., Long Beach 90801-1428.

August 9-11—**Basic and Advanced Colposcopy.** American College of Obstetrics and Gynecology at Fairmont Hotel, San Francisco. Thursday-Saturday. 16 hrs. Contact: ACOG Reg., Ste. 300 E., 600 Maryland Ave., SW, Washington, DC 20024.

August 22-24—**Ambulatory Surgery and Hysteroscopy.** See Emergency Medicine, August 22-24.

OPHTHALMOLOGY

March 1-2—**Annual Postgraduate Seminar—Retina and Chorioid: Vascular, Inflammatory and Degenerative Disease.** Jules Stein Eye Institute at Century Plaza Hotel, Los Angeles. Thursday-Friday. 16 hrs. \$375. Contact: Lu Hendricks, Academic Program Admin., JSEI, UCLA School of Med., Center for Health Sciences, Los Angeles 90024.

March 31—**Modern Ophthalmologic Procedures: ERG, VER, Ultrasonography, Tonography, Eye Movement Analysis, and Octopus Quantitative Perimetry.** Jules Stein Eye Institute, Los Angeles. Saturday. 8 hrs. \$85. Contact: Lu Hendricks, Academic Program Admin., JSEI, UCLA School of Medicine, Center for the Health Sciences, Los Angeles 90024.

April 14—**Drug Therapy and Pharmacology Review for Ophthalmologists.** Jules Stein Eye Institute, Los Angeles. Saturday. \$85. Contact: Lu Hendricks, Academic Program Admin.,

(Continued on Page 206)

JSEI, UCLA School of Medicine, Center for the Health Sciences, Los Angeles 90024.

May 12—**Contact Lens Practice in the Mid-80's.** Jules Stein Eye Institute, Los Angeles. Saturday. \$100. Contact: Lu Hendricks, Academic Program Admin., JSEI, UCLA School of Medicine, Center for the Health Sciences, Los Angeles 90024.

June 7-8—**Practical Office Management of Corneal, External Diseases and Uveitis.** UCSF at Hyatt Regency, San Francisco. Thursday-Friday.

June 8-9—**Microsurgery and Laser Techniques for Glaucoma.** Jules Stein Eye Institute, Los Angeles. Friday-Saturday. 14 hrs. \$500. Contact: Lu Hendricks, JSEI, 800 Westwood Plaza, Los Angeles 90024.

June 14-16—**Cosmetic Blepharoplasty Workshop.** Jules Stein Eye Institute, Los Angeles. Thursday-Saturday. 18 hrs. \$750. Contact: Lu Hendricks, JSEI, 800 Westwood Plaza, Los Angeles 90024.

PEDIATRICS

February 21-23—**Common Operative Problems in Children's Orthopaedics.** See Surgery, February 21-23.

March 11-17—**Forefronts in Pediatrics: An EPIC Medical Expedition.** American Institute of Primary Care Medicine and University of Arizona College of Medicine sailing at Maui, Molokai, and Lania, HI. One week. Contact: Richard F. Paris, MD. (208) 788-4995.

March 15-18—**Combined Southern California Pediatric Postgraduate Meeting.** American Academy of Pediatrics, California Chapter 2 at Palm Springs. Thursday-Sunday. Contact: Eve Black, Exec. Sec., P.O. Box 2134, Inglewood 90305. (213) 757-1198.

March 24-25—**Avoiding the Pitfalls of Pediatric Office Orthopaedics.** UCLA at Miramar-Sheraton Hotel, Santa Monica. Saturday-Sunday. 12.5 hrs. \$195.

April 6-7—**Annual Pediatrics Program: Focus on the Newborn.** UCD at Capitol Plaza Holiday Inn, Sacramento, Friday-Saturday.

April 25-27—**9th Annual Symposium: Care of the Sick Newborn.** Memorial Hospital Medical Center and UCI at Hyatt Regency, Long Beach. Wednesday-Sunday. 17 hrs. Contact: Asst. Dir., Center for Health Ed., 2801 Atlantic Ave., Long Beach 90801-1428.

April 26-28—**Advances in Pediatrics.** UCSF at Mark Hopkins, San Francisco. Thursday-Saturday.

April 27-29—**Pediatric Infectious Disease.** American Academy of Pediatrics at Royal Lahaina Resort, Maui. Friday-Sunday. Contact: AAP, Div. of Cont. Ed., P.O. Box 1034, Evanston, IL 60204.

May 7-11—**The 1984 14th Annual Review of Pediatrics.** USC and Children's Hospital of Los Angeles at Los Angeles. Monday-Friday. 26 hrs. \$350. Contact: USC.

May 16—**Los Angeles Pediatric Society Meeting** at Los Angeles. Wednesday. Contact: Eve Black, Exec. Sec., P.O. Box 2022, Inglewood 90305. (213) 757-1198.

May 17-18—**Child Abuse: Behavioral and Developmental Consequences.** See Psychiatry, May 17-18.

June 13—**Seizure Disorders in Infancy and Childhood.** LLU. Wednesday. 4 hrs. \$50.

June 28-30—**9th Annual Meeting of the Society for Pediatric Dermatology.** STAN at Caesar's Tahoe, Lake Tahoe. Thursday-Saturday.

PSYCHIATRY

February 17-18—**Family Therapy and Supervision: Creating Contacts of Competence.** Mental Research Institute, Palo Alto. Friday-Saturday. 10 hrs. \$100. Contact: Training Pro-

grams, MRI, 555 Middlefield Rd., Palo Alto 94301. (415) 321-3055.

February 22-24—**Sexually Traumatized Adults, Children and Adolescents.** Mental Research Institute, Palo Alto. Wednesday-Friday. 9 hrs. \$90. Contact: Training Programs, MRI, 555 Middlefield Rd., Palo Alto 94301. (415) 321-3055.

February 25—**Issues in Interactional Theory and Research.** Mental Research Institute, Palo Alto. Saturday. 6 hrs. \$75. Contact: Training Programs, MRI, 555 Middlefield Rd., Palo Alto 94301. (415) 321-3055.

March 9-11—**Progress in Treatment of Affective Disorders.** Central California Psychiatry Society at Rio Bravo Resort, Bakersfield. Friday-Sunday. 8 hrs. \$100. Contact: Kern County Psychiatric Society, 1901 Truxton Ave., Bakersfield 93301. (805) 327-2021.

March 14-18—**The Development of the Able Mind Revisited.** Southern California Neuropsychiatric Institute at La Quinta Hotel Golf and Tennis Resort, La Quinta. Wednesday-Sunday. 24 hrs. Contact: Gail Waldron, MD, Program Director, SCNI, 6794 La Jolla Blvd., La Jolla 92037. (619) 454-2102.

March 15-17—**Mid-Life Issues: Stress, Anxiety and Depression.** John A. Burns School of Medicine, University of Hawaii at Hotel InterContinental, Maui. Thursday-Saturday. 13.5 hrs. \$200. Contact: Mrs. Dee Chang, CME, Educational Specialist, 1960 East-West Rd., Honolulu, HI 96822. (808) 947-8573.

March 15-18—**Hawaiian Psychiatric Symposium.** Continuing Medical Education, Inc. at Sheraton-Waikiki. Thursday-Saturday. 25 hrs. \$295. Contact: CME, Inc., 2030 E 4th St., Santa Ana 92705. (714) 547-5186.

March 23-25—**General Psychiatry Board Review Course.** UCSF. Friday-Sunday.

March 29-30—**1984 Updates: Medical and Behavioral Treatment.** See Of Interest To All Physicians, March 29-30.

April 28-29—**The Cutting Edge—1984: The Psychotherapy of Borderline and Narcissistic Disorders.** UCSD at Hotel del Coronado, San Diego. Saturday-Sunday. 13 hrs. \$250.

May 3-6—**28th Annual Meeting of the American Academy of Psychoanalysis** at Hyatt Regency Hotel, Los Angeles. Thursday-Sunday. Contact: AAP, 30 E. 40th St., Ste. 608, New York, NY 10016. (212) 697-4105.

May 17-18—**Child Abuse: Behavioral and Developmental Consequences.** UCD at Holiday Inn Holidome, Sacramento. Thursday-Friday.

May 19-20—**Freud-Jung Symposium: Clinical Issues.** UCSF at Golden Gateway Holiday Inn, San Francisco. Saturday-Sunday.

June 8—**8th Annual Psychiatry Symposium.** Southern California Kaiser-Permanente Medical Group at Newport Beach Marriott Hotel. Friday. 6 hrs. \$100. Contact: Dept. of Clinical Services, SCKPMG, 4747 Sunset Blvd., Los Angeles 90027.

August 18-23—**Responsibility Issues in Mental Health.** Southern California Psychiatric Institute at Mauna Kea Beach Hotel, Kaula, HI. Saturday-Thursday. 15 hrs. Contact: Gail Waldron, MD, Program Dir., SCPI, 6794 La Jolla Blvd., La Jolla 92037. (619) 454-2102.

RADIOLOGY AND PATHOLOGY

February 29-March 2—**4th Annual Current Approaches to Radiation Oncology, Biology, and Physics.** UCSF at Fairmont Hotel, San Francisco. Wednesday-Sunday.

March 3-8—**National Meeting of the American Society of Clinical Pathologists and College of American Pathologists** at Las Vegas. Saturday-Thursday. Contact: ASCP, 2100 W. Harrison St., Chicago, IL 60612. (312) 738-4855.

March 7-9—**5th Annual Sierra Radiology Conference.** Sacramento Radiology Research and Education Foundation and the Northern California Radiological Society at Granlibakken Ski and Racquet Resort, Tahoe City. Wednesday-Friday.

(Continued on Page 210)

XANAX® Tablets ©
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CONTRAINDICATIONS

Patients with sensitivity to this drug or other benzodiazepines and in acute narrow angle glaucoma.

WARNINGS

Not of value in psychotic patients. Caution patients against hazardous occupations requiring complete mental alertness and about the simultaneous ingestion of alcohol and other CNS depressant drugs.

Benzodiazepines can cause fetal harm in pregnant women. Warn patients of the potential hazard to the fetus. Avoid during the first trimester.

PRECAUTIONS

General: If XANAX is combined with other psychotropics or anticonvulsant drugs, consider drug potentiation. Exercise the usual precautions regarding size of the prescription for depressed or suicidal patients. In elderly and debilitated patients, use the lowest possible dosage. Observe the usual precautions in treating patients with impaired renal or hepatic function.

Information for Patients: Alert patients about: (a) consumption of alcohol and drugs, (b) possible fetal abnormalities, (c) operating machinery or driving, (d) not increasing dose of the drug due to risk of dependence, (e) not stopping the drug abruptly. **Laboratory Tests:** Not ordinarily required in otherwise healthy patients. **Drug Interactions:** Additive CNS depressant effects with other psychotropics, anticonvulsants, antihistamines, ethanol and other CNS depressants. Pharmacokinetic interactions with benzodiazepines have been reported. **Drug/Laboratory Test Interactions:** No consistent pattern for a specific drug or specific test. **Carcinogenesis, Mutagenesis, Impairment of Fertility:** No carcinogenic potential or impairment of fertility in rats. **Pregnancy:** See Warnings. **Nonteratogenic Effects:** The child born of a mother on benzodiazepines may be at some risk for withdrawal symptoms and neonatal flaccidity. **Labor and Delivery:** No established use. **Nursing Mothers:** Benzodiazepines are excreted in human milk. Women on XANAX should not nurse. **Pediatric Use:** Safety and effectiveness in children below the age of 18 have not been established.

ADVERSE REACTIONS

Side effects are generally observed at the beginning of therapy and usually disappear with continued medication. In the usual patient, the most frequent side effects are likely to be an extension of the pharmacological activity of XANAX, e.g., drowsiness or lightheadedness.

Central Nervous System: Drowsiness, lightheadedness, depression, headache, confusion, insomnia, nervousness, syncope, dizziness, akathisia, and tiredness/sleepiness.

Gastrointestinal: Dry mouth, constipation, diarrhea, nausea/vomiting, and increased salivation.

Cardiovascular: Tachycardia/palpitations, and hypotension.

Sensory: Blurred vision.

Musculoskeletal: Rigidity and tremor.

Cutaneous: Dermatitis/allergy.

Other Side Effects: Nasal congestion, weight gain, and weight loss.

In addition, the following adverse events have been reported with the use of anxiolytic benzodiazepines: dystonia, irritability, concentration difficulties, anorexia, loss of coordination, fatigue, sedation, slurred speech, jaundice, musculoskeletal weakness, pruritus, diplopia, dysarthria, changes in libido, menstrual irregularities, incontinence and urinary retention.

Paradoxical reactions such as stimulation, agitation, increased muscle spasticity, sleep disturbances, and hallucinations may occur. Should these occur, discontinue the drug.

During prolonged treatment, periodic blood counts, urinalysis, and blood chemistry analyses are advisable. Minor EEG changes, of unknown significance, have been observed.

DRUG ABUSE AND DEPENDENCE

Physical and Psychological Dependence: Withdrawal symptoms have occurred following abrupt discontinuance of benzodiazepines. After prolonged therapy, dosage should be tapered. **Controlled Substance Class:** XANAX is a controlled substance and has been assigned to schedule IV.

DOSAGE AND ADMINISTRATION

The usual starting dose is 0.25 to 0.5 mg, t.i.d. Maximum total daily dose is 4 mg. In the elderly or debilitated, the usual starting dose is 0.25 mg, two or three times daily.

CAUTION: FEDERAL LAW PROHIBITS DISPENSING WITHOUT PRESCRIPTION.

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18 hrs. \$300. Contact: Arthur B. Dublin, MD, Program Dir., SRREF, P.O. Box 19184, Sacramento 95819.

March 12-16—International Academy of Pathology Annual Meeting. United States-Canadian Division of the International Academy of Pathology at San Francisco Hilton. Monday-Friday. Contact: Dr. Nathan Kaufman, Sec.-Treas., USCDIAP, 1003 Chafee Ave., Augusta, GA 30904. (404) 724-2973.

March 12-16—Diagnostic Radiology. UCSF at Fairmont Hotel, San Francisco. Monday-Friday. 33 hrs. \$400.

March 19-21—New Imaging Technologies. Eisenhower Medical Center at Annenberg Center for Health Sciences, Rancho Mirage. Monday-Wednesday. Contact: Annenberg Center for Health Sciences-A, Eisenhower Medical Center, 39000 Bob Hope Dr., Rancho Mirage 92270. (800) 621-7322.

March 24—A One-Day Seminar on CT and NMR Imaging of the Spine. Los Angeles Radiology Society at Westin Bonaventure, Los Angeles. Saturday. 6 hrs. Contact: Richard A. Oas, MD, CT Spine, c/o LARS, 5200 Century Blvd., Ste. 920, Los Angeles 90045.

April 13-15—B-Scan Ultrasonography Update. UCSF at Fairmont, San Francisco. Friday-Sunday.

April 13-15—2nd Annual Seminar Neurodiagnostic Imaging. UCSF at Meridien Hotel, San Francisco. Friday-Sunday.

April 16-19—Diagnostic Cytology of the Female Genital Tract. See Obstetrics and Gynecology, April 16-19.

April 23-27—Review in Immunohematology and Blood Banking. American Society of Clinical Pathologists at San Francisco. Monday-Friday. 31.5 hrs. Contact: Regional Educational Activities, 2100 W. Harrison St., Chicago, IL 60612. (312) 738-1336, ext. 129.

April 29-May 4—4th Annual Residents' Radiology Review Course. UCSD. Sunday-Friday. 37 hrs. \$360.

May 7-11—Clinical Microbiology Update. American Society of Clinical Pathologists at San Francisco. Monday-Friday. 29.5 hrs. Contact: Regional Ed. Activities, 2100 W. Harrison St., Chicago 60612. (312) 738-1336, ext. 129.

May 7-11—San Diego Imaging Symposium. UCSD. Monday-Friday. 27 hrs. \$400.

May 22-25—Present Concepts in Diagnostic Radiology. Letterman Army Medical Center, San Francisco. Tuesday-Friday. 26 hrs. Contact: R. S. Pakusch, MD, Program Chairman. (415) 561-3764.

June 17-22—Pathology of the Lung. UCSD. Sunday-Friday. 50 hrs.

August 14-18—Radiology Physics Review Course. UCD at Sacramento. Tuesday-Saturday.

August 20-24—Radiology of the Abdomen. UCSD at San Diego and Anaheim. Monday-Friday. 27 hrs. \$395.

SPORTS MEDICINE

March 12-16—University of Hawaii Sports Medicine Course at Princess Kaiulani Hotel, Waikiki, Honolulu, HI. Monday-Friday. \$280. Contact: Ms. Joy Lewis, Box CEW-CCECS, 2530 Dole St., Honolulu, HI 96822. (808) 948-8244.

May 2-6—Mountain Medicine: 1984. UCD at Stanford Sierra Lodge, Fallen Leaf Lake. Friday-Tuesday.

May 23-26—American College of Sports Medicine Meeting at Town and Country Hotel, San Diego. Monday-Thursday. Contact: T. Miller, Exec. Dir., ACSM, 1440 Monroe St., Madison, WI 53706.

June 14-16—Knee Problems in Athletes. American Academy of Orthopaedic Surgeons at Monterey. Thursday-Saturday. Contact: AAOS, 444 N. Michigan Ave., Chicago 60611.

(Continued on Page 212)

- June 24-27—**Marine Medicine**. UCD at Hyatt Del Monte, Monterey. Sunday-Wednesday.
- July 20-22—**Sports Medicine and Cardiovascular Fitness—Whitewater Raft Conference**. Mercy Medical Center, Redding at Klamath and Salmon Rivers. Friday-Sunday. 10 hrs. \$295. Contact: Jerry Fikes, RN, Mercy Hospital, P.O. Box 6009, Redding 96099.
- July 23-26—**10th Annual Meeting of American Orthopaedic Society for Sports Medicine** at Marriott Hotel, Anaheim. Monday-Thursday. Contact: AOSSM, P.O. Box 94274, Chicago 60690.

SURGERY

- February 15-17—**Urolithiasis Update 1984**. American Urological Association at Meridien Hotel, San Francisco. Wednesday-Friday. 17 hrs. Contact: Alice Henderson, Office of Ed., AUA, P.O. Box 25147, Houston, TX 77265. (713) 799-6070.
- February 21-23—**Common Operative Problems in Children's Orthopaedics**. American Academy of Orthopaedic Surgeons at Santa Monica. Thursday-Saturday. Contact: AAOS, 444 N. Michigan Ave., Chicago 60611.
- February 23-26—**Federation of Western Societies of Neurological Science—Annual Meeting** at Silverado Country Club, Napa. Wednesday-Saturday. Contact: Program Chairman, Franklin C. Wagner, Jr, MD, Dept. of Neurological Surgery, University of California, Davis Medical Center, 4301 X St., Sacramento 95817.
- February 27-March 2—**Basic Microsurgery Training Workshop**. UCSD. Monday-Friday. 34 hrs. \$1,200.
- March 5-9—**Surgical Forum**. Society of Graduate Surgeons of the Los Angeles County and USC Medical Center at Ambassador Hotel, Los Angeles. Monday-Friday. 31 hrs. Contact: Dir. of Med. Ed., Soc. of Graduate Surgeons, 5820 Wilshire Blvd., #500, Los Angeles 90036. (213) 937-5514.
- March 9-11—**Pathophysiology and Techniques of Cardiopulmonary Bypass IV**. Cardiothoracic Research and Education Foundation and UCSD at Sheraton Harbor Island East, San Diego. Friday-Sunday. 16 hrs. \$250. Contact: CREF, P.O. Box 33185, San Diego 92103. (619) 272-3126.
- March 10-11—**California Association of Neurological Surgeons Meeting** at Pasadena. Saturday-Sunday.
- March 16-17—**Advances in External Skeletal Fixation**. UCSF at Hyatt Lake Tahoe, Incline Village. Friday-Saturday. 13 hrs. \$250.
- March 18-21—**25th Annual Theodor Billroth Course in Surgical Anatomy**. LLU. Sunday-Wednesday. 32 hrs.
- March 19-23—**Basic Microsurgery Training Workshop**. UCSD. Monday-Friday. 35 hrs. \$1,200.
- March 22-24—**The Cutting Edge**. UCSF. Thursday-Saturday.
- March 23-25—**Gynecologic Surgery with Emphasis on Gynecologic Urology**. See Obstetrics and Gynecology, March 23-25.
- March 24—**Reflections on Cardiac Surgery**. Eisenhower Medical Center at Annenberg Center for Health Sciences, Rancho Mirage. Saturday. 2 hrs. Contact: Heart Institute of the Desert, Wright Bldg., Ste. 406, 39000 Bob Hope Dr., Rancho Mirage 92270. (619) 568-2900.
- March 24-25—**Avoiding the Pitfalls of Pediatric Office Orthopedics**. See Pediatrics, March 24-25.
- March 24-28—**Current Orthopaedic Practice and Surgery**. American Academy of Orthopaedic Surgeons at San Francisco. Saturday-Wednesday. Contact: AAOS, 444 N. Michigan Ave., Chicago, IL 60611.
- March 25-28—**21st Annual UCLA Seminar on Controversial Areas in Surgery**. UCLA at Hilton Riviera Hotel, Palm Springs. Sunday-Wednesday. 14 hrs. \$410.
- March 26-30—**Advanced Microsurgery Training Workshop**. UCSD. Monday-Friday. 35 hrs. \$1,200.
- March 28-April 1—**12th Annual Symposium on Vascular Surgery**. UCLA at Hotel Riviera, Palm Springs. Wednesday-Sunday. 16.5 hrs. \$465.
- March 29-April 1—**6th National Symposium on Hair Replacement Surgery**. American Academy of Facial Plastic and Reconstructive Surgery and American Society of Dermatologic Surgeons at Rancho Las Palmas Resort, Palm Springs. Thursday-Sunday. 16 hrs. Contact: Richard W. Fleming, MD or Toby G. Mayer, MD, 9730 Wilshire Blvd., Beverly Hills 90212.
- April 1—**Facial Aesthetic Surgery**. UCSF at Hilton, San Francisco. Sunday.
- April 1-5—**12th Annual Spring Meeting American College of Surgeons** at Hilton Hawaiian Village Hotel, Westin Ilikai Hotel. Sunday-Thursday. Contact: ACS, 55 E. Erie St., Chicago 60611.
- April 7-14—**Temporal Bone Surgical Dissection—1984**. House Ear Institute, Los Angeles. One week. 62 hrs. \$850. Contact: Antonio de la Cruz, MD, Director of Ed., HEI, 256 S. Lake St., Los Angeles 90057. (213) 483-4431.
- April 9-13—**Basic Microsurgery Training Workshop**. UCSD. Monday-Friday. 35 hrs. \$1,200.
- April 12—**Postgraduate Course in General Surgery**. UCSF at Fairmont Hotel, San Francisco. Thursday. 15 hrs. \$250.
- April 12-14—**Endourology**. American Urological Association at Disneyland Hotel, Anaheim. Thursday-Saturday. 18 hrs. Contact: Alice Henderson, Office of Ed., AUA, P.O. Box 25147, Houston, TX 77265. (713) 799-6070.
- April 12-14—**Postgraduate Course in General Surgery**. UCSF at Fairmont, San Francisco. Tuesday-Thursday.
- April 13-14—**Prosthetic Ligament Reconstruction of the Knee**. UCLA at Century Plaza Hotel, Los Angeles. Friday-Saturday. 12 hrs. \$275.
- April 19-21—**Nasal Plastic and Reconstructive Surgery**. Pacific Medical Center, San Francisco. Thursday-Saturday. 15 hrs. \$350. Contact: Div. of Ed., Presbyterian Hospital of Pacific Medical Center, P.O. Box 7999, San Francisco 94120.
- April 28—**50,000 Open-Heart Operations**. Eisenhower Medical Center at Annenberg Center for Health Sciences, Rancho Mirage. Saturday. 2 hrs. Contact: Heart Institute of the Desert, Wright Bldg., Ste. 406, 39000 Bob Hope Dr., Rancho Mirage 92270. (619) 568-2900.
- May 3-5—**The Wrist**. American Academy of Orthopaedic Surgeons at Newport Beach. Thursday-Saturday. Contact: AAOS, 444 N. Michigan Ave., Chicago, IL 60611.
- May 6-9—**American Association of Plastic Surgeons Meeting** at Hotel del Coronado, Coronado. Sunday-Wednesday. Contact: AAPS, Div. of Plastic Surgery, School of Medicine, Univ. of No. Carolina, Chapel Hill, NC 27514. (919) 966-3080.
- May 9—**Surgery**. LLU. Wednesday. 4 hrs \$50.
- May 12—**Cardiac Surgery Research**. Eisenhower Medical Center at Annenberg Center for Health Sciences, Rancho Mirage. Saturday. 2 hrs. Contact: Heart Institute of the Desert, Wright Bldg., Ste. 406, 39000 Bob Hope Dr., Rancho Mirage 92270. (619) 568-2900.
- May 13-25—**Temporal Bone Surgical Dissection 1984**. House Ear Institute, Los Angeles. 2 weeks. 100 hrs. \$1,500. Contact: Antonio de la Cruz, MD, Dir. of Ed., HEI, 256 S. Lake St., Los Angeles 90057. (213) 483-4431.
- May 21-25—**Basic Microsurgery Training Workshop**. UCSD. Monday-Friday. 35 hrs. \$1,200.
- June 1-3—**Failed Arthroplasty Revision and Salvage**. American Academy of Orthopaedic Surgeons at San Francisco. Friday-Saturday. Contact: AAOS, 444 N. Michigan Ave., Chicago 60611.
- June 9-14—**Fingers to the Toes: An Orthopedic Approach for**

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the Family Physician. UCD at Stanford Sierra Lodge, Fallen Leaf Lake. Saturday-Thursday.

June 18-22—Basic Microsurgery Training Workshop. UCSD. Monday-Friday. 35 hrs. \$1,200.

June 20-24—Western Thoracic Surgical Association Annual Meeting at Hyatt Regency, Maui. Wednesday-Sunday. Contact: WTSA, 13 Elm St., Manchester, MA 01944. (617) 927-8330.

June 21-23—Gynecologic Surgery: Principles and Techniques. American College of Obstetrics and Gynecology at Silverado, Napa. Thursday-Saturday. 16 hrs. Contact: ACOG Reg., Ste. 300 E, 600 Maryland Ave., SW, Washington, DC 20024.

June 25-29—Advanced Microsurgery Training Workshop. UCSD. Monday-Friday. 35 hrs. \$1,200.

OF INTEREST TO ALL PHYSICIANS

February 18-22—The Doctor's Dilemma: The Delicate Balance Between Humanity and Technology. Human Dimensions In Medical Education at La Jolla. Saturday-Wednesday. 32 hrs. \$400. Contact: Ms. Orienne Strode, Director, HDME, 1125 Torrey Pines Rd., La Jolla 92037. (619) 459-3861.

February 19-22—4th Annual Conference on Alcoholism and Chemical Dependency Problem Sharing/Solving in Chemical Dependency. Annenberg Center for Health Sciences of the Eisenhower Medical Center, Rancho Mirage. Sunday-Wednesday. Contact: Annenberg Center for Health Sciences—A, 39000 Bob Hope Dr., Rancho Mirage 92270. (800) 621-7322.

February 23-24—American College of Physicians 1984 Regional Meeting at Ala Moana Hotel, Honolulu, HI. Thursday-Friday. Contact: Robert A. Nordyke, FACP, 2013 Kakaia Dr., Honolulu, HI 96822.

February 23-26—Hypnosis Training Workshop. UCI and Southern California Society of Clinical Hypnosis at Grand Hotel, Anaheim. Thursday-Sunday. 28 hrs. Contact: SCSCCH, P.O. Box 5835, Sherman Oaks 91403. (213) 872-3350.

March 2-3—American College of Physicians 1984 Regional Meeting at Holiday Inn, Napa. Friday-Saturday. Contact: Jerry P. Lewis, FACP, 618 Francisco Place, Davis 95616.

March 7-9—34th Annual Course for Physicians in Family Practice. Mt. Zion Hospital and Medical Center, San Francisco. Wednesday-Friday. Contact: Office of Continuing Ed., Mt. Zion Hospital, P.O. Box 7921, San Francisco 94120. (415) 567-6600, ext. 2404.

March 10—Prescription for Prevention: The Consequences of Nuclearism on American Medicine and Society. UCI at Anaheim Convention Center. Saturday. 6 hrs. \$60.

March 14-17—Contemporary Obstetrics: A Guide to the Physician in Practice. See Obstetrics and Gynecology, March 14-17.

March 16-18—Office Emergencies in Primary Care. Sharp Memorial Hospital at Hotel del Coronado, Coronado. Friday-Sunday. 20 hrs. \$250. Contact: Jackie Shiller, Continuing Medical Education Associates, P.O. Box 84296, San Diego 92138. (619) 223-2997.

March 22-24—Postgraduate Institute. California Medical Association at Yosemite. Thursday-Saturday.

March 24—Alcoholism: 1984. UCD at Red Lion Motor Inn, Sacramento. Saturday.

March 25-28—Nutrition Conference. UCSF at Yosemite. Sunday-Wednesday.

March 26-30—Family Medicine Board Review Course. UCSD at Palm Springs. Monday-Friday.

March 29-30—1984 Updates: Medical and Behavioral Treatment. Scripps Clinic and Research Foundation, La Jolla.

Thursday-Friday. Contact: Dianne Tisue, Conference Coordinator, Scripps Clinic and Research Fndn, 10666 N. Torrey Rd., La Jolla 92037. (714) 455-9100.

April 1-4—Dermatology for the Clinician. UCD at Yosemite. Sunday-Wednesday.

April 4-8—Wound Management. UCSD at San Diego Hilton Hotel. Wednesday-Sunday.

April 6—Laboratory Aids in Clinical Diagnosis. LLU at Casa Royale Motor Inn, Bakersfield. Friday. 6 hrs. \$75.

April 6-8—Sexual Issues in Medical Practice. UCSF at Hotel Meridien, San Francisco. Friday-Sunday. 14 hrs.

April 25-26—Research in Continuing Medical Education. UCSF. Wednesday-Thursday.

May 5-12—Challenges in Acute Medicine: An EPIC Medical Expedition. American Institute of Primary Care Medicine and University of Arizona College of Medicine at Poplin Creek Estate, Ojai. One week. Contact: Richard F. Paris, MD. (208) 788-4995.

May 14-18—Office Procedures. UCSF at Golden Gateway Holiday Inn, San Francisco. Monday-Friday.

May 18-20—The Primary Care Physician and Cancer. See Cancer, May 18-20.

May 19-20—12th Annual Family Practice Symposium. Southern California Permanente Medical Group at Sheraton Universal Hotel, North Hollywood. Saturday-Sunday. 11 hrs. Contact: SCPMG, Dept. of Clinical Services, 4747 Sunset Blvd., Los Angeles 90027. (213) 667-4241.

May 20-24—Family Practice Refresher Course. UCD at Napa Valley Holiday Inn, Napa. Sunday-Thursday.

May 29-June 2—11th Annual UCLA Santa Monica Hospital Medical Center Family Practice Refresher Program. UCLA at Miramar-Sheraton Hotel, Santa Monica. Tuesday-Saturday. 35.5 hrs. \$385.

June 1-12—Southwestern Regional Cutaneous Flap Workshop. Dermatology Research Foundation of California at UCLA. Friday-Saturday. 14 hrs. \$495. Contact: Daniel E. Gormley, MD, 412 W. Carroll, Ste. 207, Glendora 91740.

June 5-8—Society of Nuclear Medicine 31st Annual Meeting at Los Angeles Convention Center. Tuesday-Friday. 36 hrs. Contact: Meetings Dept., SNM, 475 Park Ave. So., New York, NY 10016. (212) 889-0717.

June 8—Occupational Medicine. UCD at Beverly Garland Motor Lodge, Sacramento. Friday.

June 11-15—Review in Clinical Chemistry. American Society of Clinical Pathologists at Monterey. Monday-Friday. 35 hrs. Contact: Reg. Ed. Activities, 2100 W. Harrison St., Chicago 60612. (312) 738-1336, ext. 129.

June 14-16—Postgraduate Institute—Geriatrics. CMA at Hyatt, Lake Tahoe. Thursday-Saturday.

June 17-23—UCI Family Practice Refresher Course. UCI and Memorial Medical Center of Long Beach at Grand Hotel, Anaheim. One week. Contact: MMCLB, 2801 Atlantic Ave., Long Beach 90801. (714) 595-3811.

June 20-24—Golden State Medical Association Annual Scientific Session at Hawaiian Regent Hotel, Oahu. Wednesday-Sunday. Contact: Lillian Fortier, GMSA, P.O. Box 2151 Station A, Berkeley 94702.

June 21-23—1st Annual Superficial Anatomy and Cutaneous Surgery for Dermatologists: 1984. UCSD. Thursday-Saturday. 22.5 hrs. \$500.

July 7-8—Weekend with the Masters. UCSD and Great Teachers Foundation at Double Tree Inn, Monterey. Saturday-Sunday. 20 hrs. \$325. Contact: P.O. Box 61203, DFW Airport, TX 75261. (214) 659-4590.

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ARIZONA MEDICAL CAREERS

Health Care Industry . . . Sun Valley Country

Our client, a growth oriented, integrated health care organization, with hospitals and clinics in the Southwest, requires Board eligible or certified general practitioners and medical/surgical specialists for new and established practices.

We are particularly interested in physicians for internal medicine, family practice, pediatrics, obstetrics, gynecology, oncology, orthopedics, otolaryngology, general surgery and anesthesiology.

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Please send your curriculum vitae and professional references.

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July 10-12—**Family Practice Board Review Course.** UCSF. Tuesday-Thursday. 22 hrs. \$300.

August 1-4—**Dermatology.** UCD at Hyatt Lake Tahoe, Incline Village. Wednesday-Saturday.

August 11-18—**4th Annual Fine Needle Aspiration.** UCSF. One week.

August 17-19—**Nutrition, Obesity, and Weight Control—White Water Raft Conference.** Mercy Medical Center, Redding at Klamath and Salmon Rivers. Friday-Sunday. 10 hrs. \$295. Contact: Jerry Fikes, RN, Mercy Hospital, P.O. Box 6009, Redding 96099.

IDAHO

February 18-25—**Up-to-Date Cardiac Therapy: An EPIC Medical Expedition.** American Institute of Primary Care Medicine and University of Arizona College of Medicine at Sun Valley. 24 hrs. Contact: Richard F. Paris, MD, (208) 788-4995.

February 19-25—**Effective Management of Common Sports Injuries: An EPIC Medical Expedition.** Sun Valley. 24 hrs. Sponsors and Contact: See above, February 18-25.

February 25-March 3—**Effective Diagnosis and Treatment of Infectious Diseases—An EPIC Medical Expedition.** Sun Valley. 24 hrs. Sponsors and Contact: See above, February 18-25.

February 26-March 3—**Current Therapy for Dermatological Disease: An EPIC Medical Expedition.** Sun Valley. 24 hrs. Sponsors and Contact: See above, February 18-25.

March 4-10—**New Considerations in Family Practice: A Review.** Sun Valley. 24 hrs. Sponsors and Contact: See above, February 18-25.

March 25-April 1—**Procedures and Concepts in Ambulatory Gynecology: An EPIC Medical Expedition.** Sun Valley. 24 hrs. Sponsors and Contact: See above, February 18-25.

April 1-7—**Establishing Precise Radiographic Diagnoses for Traumatic Injuries.** Sun Valley. 24 hrs. Sponsors and Contact: See above, February 18-25.

MONTANA

March 21-24—**Big Sky Lung Summit.** American Lung Assn. of Montana at Big Sky of Montana "Ski the Sky." Wednesday-Saturday. Contact: ALA of Montana, 825 Helena Ave., Helena, MT 59601. (406) 442-6556.

NEW MEXICO

All courses listed below have been certified by CME accredited institutions as meeting the criteria for Category 1 of the Physician's Recognition Award of the American Medical Association. The Continuing Medical Education Committee of the New Mexico Medical Society has certified all courses listed below as meeting the criteria for Category IV under the New Mexico Board of Medical Examiners Continuing Medical Education regulations.

Information, requests for accreditation and items to be listed should be sent to the chairman of the CME Committee, New Mexico Medical Society, 303 San Mateo NE, Suite

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Motrin® Tablets (ibuprofen)

Contraindications: Anaphylactoid reactions have occurred in individuals hypersensitive to Motrin Tablets or with the syndrome of nasal polyps, angioedema and bronchospastic reactivity to aspirin, iodides, or other nonsteroidal anti-inflammatory agents.

Warnings: Peptic ulceration and GI bleeding, sometimes severe, have been reported. Ulceration, perforation and bleeding may end fatally. An association has not been established. Use Motrin Tablets under close supervision in patients with a history of upper gastrointestinal tract disease, after consulting ADVERSE REACTIONS. In patients with active peptic ulcer and active rheumatoid arthritis, try nonulcerogenic drugs, such as gold. If Motrin Tablets are used, observe the patient closely for signs of ulcer perforation or GI bleeding.

Chronic studies in rats and monkeys have shown mild renal toxicity with papillary edema and necrosis. Renal papillary necrosis has rarely been shown in humans treated with Motrin Tablets.

Precautions: Blurred and/or diminished vision, scotomata, and/or changes in color vision have been reported. If these develop, discontinue Motrin Tablets and the patient should have an ophthalmologic examination, including central visual fields and color vision testing.

Fluid retention and edema have been associated with Motrin Tablets; use with caution in patients with a history of cardiac decompensation or hypertension. In patients with renal impairment, reduced dosage may be necessary. Prospective studies of Motrin Tablets safety in patients with chronic renal failure have not been done.

Motrin Tablets can inhibit platelet aggregation and prolong bleeding time. Use with caution in persons with intrinsic coagulation defects and on anticoagulant therapy.

Patients should report signs or symptoms of gastrointestinal ulceration or bleeding, skin rash, weight gain, or edema.

Patients on prolonged corticosteroid therapy should have therapy tapered slowly when Motrin Tablets are added.

The antipyretic, anti-inflammatory activity of Motrin Tablets may mask inflammation and fever.

As with other nonsteroidal anti-inflammatory drugs, borderline elevations of liver tests may occur in up to 15% of patients. These abnormalities may progress, may remain essentially unchanged, or may be transient with continued therapy. Meaningful elevations of SGPT or SGOT (AST) occurred in controlled clinical trials in less than 1% of patients. Severe hepatic reactions, including jaundice and cases of fatal hepatitis, have been reported with ibuprofen as with other nonsteroidal anti-inflammatory drugs. If liver disease develops or if systemic manifestations occur (e.g. eosinophilia, rash, etc.), Motrin should be discontinued.

Drug interactions. Aspirin: used concomitantly may decrease Motrin blood levels.

Coumarin: bleeding has been reported in patients taking Motrin and coumarin.

Pregnancy and nursing mothers: Motrin should not be taken during pregnancy or by nursing mothers.

Adverse Reactions: The most frequent type of adverse reaction occurring with Motrin is gastrointestinal of which one or more occurred in 4% to 16% of the patients.

Incidence Greater than 1% (but less than 3%)—Probable Causal Relationship

Gastrointestinal: Nausea,* epigastric pain,* heartburn,* diarrhea, abdominal distress, nausea and vomiting, indigestion, constipation, abdominal cramps or pain, fullness of GI tract (bloating and flatulence); **Central Nervous System:** Dizziness,* headache, nervousness; **Dermatologic:** Rash* (including maculopapular type), pruritus; **Special Senses:** Tinnitus; **Metabolic/Endocrine:** Decreased appetite; **Cardiovascular:** Edema, fluid retention (generally responds promptly to drug discontinuation; see PRECAUTIONS).

Incidence less than 1%—Probable Causal Relationship**

Gastrointestinal: Gastric or duodenal ulcer with bleeding and/or perforation, gastrointestinal hemorrhage, melena, gastritis, hepatitis, jaundice, abnormal liver function tests; **Central Nervous System:** Depression, insomnia, confusion, emotional lability, somnolence, aseptic meningitis with fever and coma; **Dermatologic:** Vesiculobullous eruptions, urticaria, erythema multiforme, Stevens-Johnson syndrome, alopecia; **Special Senses:** Hearing loss, amblyopia (blurred and/or diminished vision, scotomata, and/or changes in color vision) (see PRECAUTIONS); **Hematologic:** Neutropenia, agranulocytosis, aplastic anemia, hemolytic anemia (sometimes Coombs positive), thrombocytopenia with or without purpura, eosinophilia, decreases in hemoglobin and hematocrit; **Cardiovascular:** Congestive heart failure in patients with marginal cardiac function, elevated blood pressure, palpitations; **Allergic:** Syndrome of abdominal pain, fever, chills, nausea and vomiting; anaphylaxis; bronchospasm (see CONTRAINDICATIONS); **Renal:** Acute renal failure in patients with pre-existing significantly impaired renal function, decreased creatinine clearance, polyuria, azotemia, cystitis, hematuria; **Miscellaneous:** Dry eyes and mouth, gingival ulcer, rhinitis.

Incidence less than 1%—Causal Relationship Unknown**

Gastrointestinal: Pancreatitis; **Central Nervous System:** Paresthesias, hallucinations, dream abnormalities, pseudotumor cerebri; **Dermatologic:** Toxic epidermal necrolysis, photoallergic skin reactions; **Special Senses:** Conjunctivitis, diplopia, optic neuritis; **Hematologic:** Bleeding episodes (e.g., epistaxis, menorrhagia); **Metabolic/Endocrine:** Gynecomastia, hypoglycemic reaction; **Cardiovascular:** Arrhythmias (sinus tachycardia, sinus bradycardia); **Allergic:** Serum sickness, lupus erythematosus syndrome, Henoch-Schönlein vasculitis; **Renal:** Renal papillary necrosis.

*Reactions occurring in 3% to 9% of patients treated with Motrin. (Those reactions occurring in less than 3% of the patients are unmarked.)

**Reactions are classified under "Probable Causal Relationship (PCR)" if there has been one positive rechallenge or if three or more cases occur which might be causally related. Reactions are classified under "Causal Relationship Unknown" if seven or more events have been reported but the criteria for PCR have not been met.

Overdosage: In cases of acute overdosage, the stomach should be emptied. The drug is acidic and excreted in the urine so alkaline diuresis may be beneficial.

Dosage and Administration: Rheumatoid arthritis and osteoarthritis. Suggested dosage is 300, 400, or 600 mg t.i.d. or q.i.d. Do not exceed 2400 mg per day. Mild to moderate pain: 400 mg every 4 to 6 hours as necessary.

Caution: Federal law prohibits dispensing without prescription.

Motrin is a registered trademark of The Upjohn Manufacturing Company M, Barceloneta, Puerto Rico

MED B-7-S

Upjohn

J-3255

September 1983

204, Albuquerque, NM 87108 at least two months in advance. For information on CME accreditation or on the CME requirements of the New Mexico Board of Medical Examiners, please write to the above address or call (505) 266-7868.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution for current details.

February 19-22—Annual Meeting/South Central Association of Blood Banks. Albuquerque. Sunday-Wednesday. Albuquerque Convention Center. 28 hrs. AMA Cat. I, NM Cat. IV. Contact: Toby L. Simon, MD, P.O. Box 25445, Albuquerque 87125. (505) 843-6227.

February 23-25—17th Annual OB/GYN Postgraduate Seminar. Albuquerque. Thursday-Saturday. AMFAC Hotel. 15 hrs. AMA Cat. I, NM Cat. IV, AAFP Prescribed. Contact: Office of CME, UNM School of Medicine, Albuquerque 87131. (505) 277-3942.

February 24-26—12th Annual Taos Lung Disease Symposium. Taos. Friday-Sunday. Kachina Lodge. 11 hrs. NM Cat. IV. Contact: David Lorber, MD, 1101 Medical Arts Ave., NE, No. 4, Albuquerque 87102. (505) 842-5105.

February 27-March 2—Purgatory Ski Symposium at Tamarron. Tamarron, Colorado. Monday-Friday. Tamarron Lodge. 20 hrs. AAFP Prescribed. Contact: Jack Greenberg, MD, Bernalillo County Chapter, AAFP, 2121 Juan Tabo NE, Albuquerque 87112. (505) 292-4500.

March 18-21—Rural Health Care: Bringing It Home. Albuquerque. Sunday-Wednesday. Convention Center. 19 hrs. AMA Cat. I, NM Cat. IV. Contact: Judy Harris, RN, New Mexico Health Resources, Inc., P.O. Box 8735, Albuquerque 87198.

May 3-4—New Mexico Medical Society Annual Meeting. Santa Fe. Thursday-Friday. Hilton Inn. 10 hrs. AMA Cat. I, NM Cat. IV, AAFP Prescribed. Contact: NM Medical Society, 303 San Mateo NE, Ste 204, Albuquerque 87108. (505) 266-7868.

May 24-25—Chronic Pain: Current Status and Future Directions. Santa Fe. Thursday-Friday. La Fonda Hotel. 10¼ hrs. NM Cat. IV. Contact: Ms Helene Slansky, Coordinator, Santa Fe Neurological Sciences Institute, St. Vincent Hospital, Box 5764, Santa Fe 87501. (505) 983-4744.

July 16-19—Ruidoso Family Practice Seminar. Ruidoso. Monday-Thursday. Inn of the Mountain Gods. 20 hrs. AMA Cat. I, NM Cat. IV, AAFP Prescribed. Contact: NM Chapter, AAFP, P.O. Box 23070, Albuquerque 87192. (505) 298-5300.

OREGON

The following list of continuing medical education offerings in the state of Oregon is compiled by the Oregon Medical Association's Council on Medical Education. If you wish to submit information regarding future postgraduate courses, please submit the information to James A. Kronenberg, Associate Executive Director, Oregon Medical Association, 5210 SW Corbett Ave., Portland, OR 97201, or phone (503) 226-1555.

MEDICAL GRAND ROUNDS

Douglas Community Hospital, 738 West Harvard Avenue, Roseburg 97470:

Every Monday 12:30 p.m. Contact: Robert A. Driver, MD, Douglas Community Hospital, 738 West Harvard Avenue, Roseburg, OR 97470. (503) 673-6641.

Emanuel Hospital, 2801 N. Gantenbein Street, Portland 97227:

Every Friday, 8:00 a.m. to 9:00 a.m. **Medical Grand Rounds.** Contact: Philippa McClure, Emanuel Hospital, 2801 N. Gantenbein St., Portland, OR 97227. (503) 280-3200.

Good Samaritan Hospital and Medical Center, 1015 NW 22nd Avenue, Portland 97210:

Every Wednesday, 8:00 a.m. to 9:00 a.m. **Medicine Grand Rounds.** Contact: Chris Cobb, Good Samaritan Hospital and Medical Center, 1015 NW 22nd Avenue, Portland, OR 97201. (503) 229-7111.

Providence Medical Center, 4805 NE Glisan, Portland 97213:

Every Wednesday, 8:00 a.m. **Medical Grand Rounds.** Contact: Richard Wernick, MD, Providence Medical Center, 4805 NE Glisan, Portland, OR 97213. (503) 230-6085.

Sacred Heart General Hospital, 1200 Alder Street, Eugene, OR 97440:

Every Tuesday, 8:00-9:00 a.m. **Medical Grand Rounds.** Hospital Auditorium. Contact: Medical Education Committee, P.O. Box 10905, Eugene, OR 97440.

Salem Hospital, 665 Winter Street SE, Salem 97301:

First and third Thursday of each month 7:15 a.m. to 8:15 a.m. **Medical Live Audit Conference.** Memorial Auditorium. Contact: Diane Eyerly, Salem Hospital, 665 Winter St. SE, Salem, OR 97301. (503) 370-5339.

Every Friday, 7:30 a.m. to 8:30 a.m. **Friday Grand Rounds.** Memorial Auditorium. Contact: Diane Eyerly, Salem Hospital, 665 Winter St. SE, Salem, OR 97301. (503) 370-5339.

St. Vincent Hospital & Medical Center, 9205 SW Barnes Rd., Portland 97225:

First, third, fourth and fifth Wednesday of each month, 8:00 a.m. to 9:00 a.m. **Medical Grand Rounds.** Souther Auditorium. Contact: Bonnie Conger, Secretary to Dr. Kenneth Melvin, St. Vincent Hospital & Medical Center, 9205 SW Barnes Rd., Portland 97225. (503) 297-4411, Ext. 2230.

Oregon Health Sciences University, Department of Psychiatry, Portland 97201:

Every Wednesday, 4:00 p.m. to 5:00 p.m.—**Department of Psychiatry Grand Round Presentations.** Room 8B-60, University Hospital South, Oregon Health Sciences University. Contact: Dept. of Psychiatry, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8144.

Oregon Health Sciences University, Department of Medicine, Portland 97201:

Every Tuesday, 8:00 a.m. to 9:00 a.m.—**Department of Medicine Grand Rounds.** U.H.S.-8B-60, Oregon Health Sciences University. Contact: Dept. of Medicine, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8607.

FAMILY PRACTICE GRAND ROUNDS

Every Wednesday, 11:00 a.m. to 12:00 Noon. **Family Practice Grand Rounds.** Family Practice Center, Oregon Health Sciences University, Portland. Contact: William A. Fisher, MD, Oregon Health Sciences University, Department of Family Practice, Portland, OR 97201. (503) 225-7590.

* * *

FAMILY PRACTICE

February 13-17—**15th Annual Family Practice Review.** Portland. Monday-Friday. Marriott Hotel. Contact: OHSU-CME.

March 1-4—**Update in Rheumatology: Spring Ski at Mt. Bachelor.** Thursday-Sunday. Inn of the Seventh Mountain, Bend. Contact: OHSU-CME.

May 18-19—**Orthopedics for the Primary Care Physician.** Portland. Friday-Saturday. Red Lion Motor Inn at Jantzen Beach. Contact: OHSU-CME.

SURGERY

March 2-3—**Difficult Problems in Surgery: Gastrointestinal Malignancies.** Portland. Friday-Saturday. Red Lion-Lloyd Center. Contact: OHSU-CME.

INTEREST TO ALL PHYSICIANS

March 8-9—**Occupational Medicine.** Portland. Thursday-Friday. Red Lion at Jantzen Beach. Contact: OHSU-CME.

March 29-30—**Health Problems in the Workplace.** Thursday-Friday. Portland. Red Lion-Lloyd Center. Contact: OHSU-CME.

March 29-31—**First Annual Mt. Bachelor Winter Sports and Mountaineering Medicine Conference.** Bend. Sponsor: Siskiyou General Hospital, Yreka, California. Thursday-Saturday. Inn of the Seventh Mountain. 18 hrs. \$195, physicians; \$170, nurses and physical therapists. Contact: Daniel A. Williams, Jr, MD, 746 S. Main, Yreka, CA 96097. (916) 842-4383.

April 12-13—**School of Medicine Alumni Scientific Sessions and Sommer Lectures.** Portland. Thursday-Friday. OHSU Campus. Contact: OHSU-CME.

CONTACT INFORMATION

OHSU-CME—Contact: Division of Continuing Medical Education, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8700.

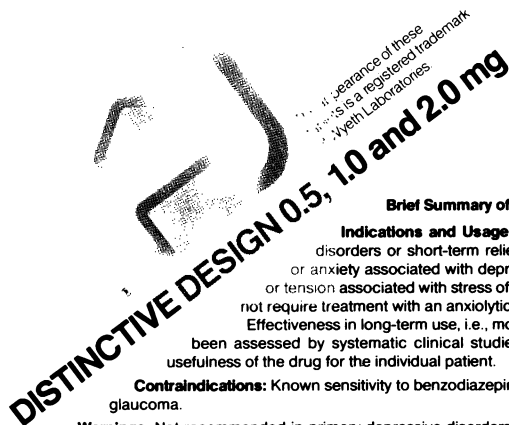
UTAH

This listing of continuing medical education courses in Utah is compiled and edited by the Academy for Continuing Medical Education, a foundation of the Utah State Medical Association. All courses listed have been certified by CME accredited institutions as meeting the criteria for Category 1 of the Physician's Recognition Award of the American Medical Association.

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SPONSORS OF COURSES—ABBREVIATIONS

AF: Arthritis Foundation, 1174 East 2700 South, Salt Lake City 84117. (801) 466-9389.
CH: Castleview Hospital (formerly Carbon Hospital), RFD 2, Box 46, Price, UT 84501. (801) 637-4800.
CWH: Cottonwood Hospital, 5770 South 300 East, Salt Lake City 84101. (801) 262-3461.
FHP: Family Health Program/Utah, 323 South Sixth East, Salt Lake City 84102. (801) 335-1234. Contact: Kay Schultz for course information.
HAFB: Hill Air Force Hospital, Hill Air Force Base 84406. (801) 777-1262.
HCH: Holy Cross Hospital, 1045 East First South, Salt Lake City 84102. (801) 350-4744.
LDSh: Latter-Day Saints Hospital, 325 8th Avenue, Salt Lake City 84143. (801) 350-1100.
MDH: McKay-Dee Hospital Center, 3939 Harrison Blvd., Ogden 84409. (801) 399-4141.
OEH: Rocky Mountain Center for Occupational and Environmental Health, 50 North Medical Drive, Salt Lake City 84132. (801) 581-8719.
OSS: Ogden Surgical Society, PO Box 9311, Ogden 84409.
PCMC: Primary Children's Medical Center, 320 12th Ave., Salt Lake City 84103. (801) 363-1221.
SHCC: Shriners Hospital for Crippled Children, Intermountain Unit, Fairfax Ave. at Virginia St., Salt Lake City 84103. (801) 532-5307.
SLSC: Salt Lake Surgical Center, 617 East 3900 South, Salt Lake City 84117. (801) 261-3141.
UAF: Utah Academy of Family Physicians, 1146 Westminster Ave., Salt Lake City 84105. (801) 466-9478.
UUMC: University of Utah Medical Center, 50 North Medical Drive, Salt Lake City 84132. (801) 581-2258.
USMA: Utah State Medical Association, 540 East Fifth South, Salt Lake City 84102. (801) 355-7477.
UVH: Utah Valley Hospital, 1034 North Fifth West, Provo 84601. (801) 733-7850.
VAMC: Veterans Administration Medical Center, 500 Foothill Drive, Salt Lake City 84148. (801) 582-1565.



Brief Summary of Prescribing Information.

Indications and Usage: Management of anxiety disorders or short-term relief of symptoms of anxiety or anxiety associated with depressive symptoms. Anxiety or tension associated with stress of everyday life usually does not require treatment with an anxiolytic.

Effectiveness in long-term use, i.e., more than 4 months, has not been assessed by systematic clinical studies. Reassess periodically usefulness of the drug for the individual patient.

Contraindications: Known sensitivity to benzodiazepines or acute narrow-angle glaucoma.

Warnings: Not recommended in primary depressive disorders or psychoses. As with all CNS-acting drugs, warn patients not to operate machinery or motor vehicles, and of diminished tolerance for alcohol and other CNS depressants.

Physical and Psychological Dependence: Withdrawal symptoms like those noted with barbiturates and alcohol have occurred following abrupt discontinuance of benzodiazepines (including convulsions, tremor, abdominal and muscle cramps, vomiting and sweating). Addiction-prone individuals, e.g. drug addicts and alcoholics, should be under careful surveillance when on benzodiazepines because of their predisposition to habituation and dependence. Withdrawal symptoms have also been reported following abrupt discontinuance of benzodiazepines taken continuously at therapeutic levels for several months.

Precautions: In depression accompanying anxiety, consider possibility for suicide.

For elderly or debilitated patients, initial daily dosage should not exceed 2mg to avoid over-sedation. Terminate dosage gradually since abrupt withdrawal of any antianxiety agent may result in symptoms like those being treated: anxiety, agitation, irritability, tension, insomnia and occasional convulsions. Observe usual precautions with impaired renal or hepatic function. Where gastrointestinal or cardiovascular disorders coexist with anxiety, note that lorazepam has not been shown of significant benefit in treating gastrointestinal or cardiovascular component. Esophageal dilation occurred in rats treated with lorazepam for more than 1 year at 6mg/kg/day. No effect dose was 1.25mg/kg/day (about 6 times maximum human therapeutic dose of 10mg/day). Effect was reversible only when treatment was withdrawn within 2 months of first observation. Clinical significance is unknown; but use of lorazepam for prolonged periods and in geriatrics requires caution and frequent monitoring for symptoms of upper G.I. disease. Safety and effectiveness in children under 12 years have not been established.

ESSENTIAL LABORATORY TESTS: Some patients have developed leukopenia; some have had elevations of LDH. As with other benzodiazepines, periodic blood counts and liver function tests are recommended during long-term therapy.

CLINICALLY SIGNIFICANT DRUG INTERACTIONS: Benzodiazepines produce CNS depressant effects when administered with such medications as barbiturates or alcohol.

CARCINOGENESIS AND MUTAGENESIS: No evidence of carcinogenic potential emerged in rats during an 18-month study. No studies regarding mutagenesis have been performed.

PREGNANCY: Reproductive studies were performed in mice, rats, and 2 strains of rabbits. Occasional anomalies (reduction of tarsals, tibia, metatarsals, malrotated limbs, gastroschisis, malformed skull and micropthalmia) were seen in drug-treated rabbits without relationship to dosage. Although all these anomalies were not present in the concurrent control group, they have been reported to occur randomly in historical controls. At 40mg/kg and higher, there was evidence of fetal resorption and increased fetal loss in rabbits which was not seen at lower doses. Clinical significance of these findings is not known. However, increased risk of congenital malformations associated with use of minor tranquilizers (chlordiazepoxide, diazepam and meprobamate) during first trimester of pregnancy has been suggested in several studies. Because use of these drugs is rarely a matter of urgency, use of lorazepam during this period should almost always be avoided. Possibility that a woman of child-bearing potential may be pregnant at institution of therapy should be considered. Advise patients if they become pregnant to communicate with their physician about desirability of discontinuing the drug. In humans, blood levels from umbilical cord blood indicate placental transfer of lorazepam and its glucuronide.

NURSING MOTHERS: It is not known if oral lorazepam is excreted in human milk like other benzodiazepines. As a general rule, nursing should not be undertaken while on a drug since many drugs are excreted in milk.

Adverse Reactions, if they occur, are usually observed at beginning of therapy and generally disappear on continued medication or on decreasing dose. In a sample of about 3,500 anxious patients, most frequent adverse reaction is sedation (15.9%), followed by dizziness (6.9%), weakness (4.2%) and unsteadiness (3.4%). Less frequent are disorientation, depression, nausea, change in appetite, headache, sleep disturbance, agitation, dermatological symptoms, eye function disturbance, various gastrointestinal symptoms and autonomic manifestations. Incidence of sedation and unsteadiness increased with age. Small decreases in blood pressure have been noted but are not clinically significant, probably being related to relief of anxiety.

Overdosage: In management of overdosage with any drug, bear in mind multiple agents may have been taken. Manifestations of overdosage include somnolence, confusion and coma. Induce vomiting and/or undertake gastric lavage followed by general supportive care, monitoring vital signs and close observation. Hypotension, though unlikely, usually may be controlled with Levarterenol Bitartrate Injection U.S.P. Usefulness of dialysis has not been determined.

Ativan[®] (lorazepam) for Anxiety

DOSAGE: Individualize for maximum beneficial effects. Increase dose gradually when needed, giving higher evening dose before increasing daytime doses. Anxiety, usually 2-3mg/day given b.i.d. or t.i.d.; dosage may vary from 1 to 10mg/day in divided doses. For elderly or debilitated, initially 1-2mg/day; insomnia due to anxiety or transient situational stress, 2-4mg h.s.

HOW SUPPLIED: 0.5, 1.0 and 2.0mg tablets.

Wyeth Laboratories
Philadelphia, PA 19101



can Medical Association. They also must meet the definition of Utah Approved CME Credit for the purpose of medical license reregistration in Utah. Accredited institutions wishing to list AMA Category 1/Utah Approved CME courses here should send information at least two months in advance to the Academy for Continuing Medical Education, 540 East Fifth South, Salt Lake City, Utah 84102; or phone (801) 355-5290. For information on CME accreditation or on the CME requirements of the Utah Physicians' Licensing Board, please write the Academy at the above address.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution or the Academy for current details.

PEDIATRIC GRAND ROUNDS

Primary Children's Medical Center, 320 12th Ave., Salt Lake City 84103:

First and Third Thursdays—8:00 a.m. Contact: Cathy Van Komen, PCMC, 320 12th Ave., Salt Lake City, UT 84103. (801) 363-1221.

MONTHLY PSYCHOTHERAPY CLINICAL SEMINAR

Holy Cross Hospital, 1045 East First South, Salt Lake City 84102.

First Monday—7-9 a.m. Contact: Jack Tedrow, MD, (801) 363-2024.

FAMILY PRACTICE GRAND ROUNDS

Holy Cross Hospital, 1045 East First South, Salt Lake City 84102.

Every Wednesday—8:00-9:00 a.m. Contact: Thomas Schwenk, MD, (801) 581-8633.

CITYWIDE OB/GYN CLINICAL CONFERENCE

Holy Cross Hospital, 1045 East First South, Salt Lake City 84102.

Second Saturday—8-9 a.m. Contact: Howard Berk, MD, (801) 364-4438.

OB/GYN PATHOLOGY CONFERENCE

Holy Cross Hospital, 1045 East First South, Salt Lake City 84102.

Fourth Monday—8-9 a.m. Contact: Howard Berk, MD, (801) 364-4438.

MONTHLY OPHTHALMOLOGY FLUORESCEIN ANGIOGRAPHY CONFERENCE

Holy Cross Hospital, 1045 East First South, Salt Lake City 84102.

Fourth Monday—7:30-8:30 a.m. Contact: Roy Goodart, MD, (801) 532-7406 or F. T. Reikhof, MD, (801) 532-7406.

INTERDEPARTMENTAL GRAND ROUNDS

Utah Valley Hospital, Provo, 1034 North Fifth West, Provo 84601.

Contact: Gary Watts, MD, UVH, 1034 North Fifth West, Provo, UT 84601. (801) 373-7850 (Ext 2143).

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February 17-21—29th Annual Postgrad Course in Anesthesiology (Sponsor: University of Utah). Friday-Tuesday. Salt Lake City. 16 hrs. Fee to be announced. Contact: K. C. Wong, MD, (801) 581-6115.

February 18-22—**25th Annual OB/GYN Update** (Sponsor: University of Utah). Saturday-Wednesday. Park City, 14½ hrs. Fee to be announced. Contact: James Scott, MD, (801) 581-5501.

February 22-25—**Gynecologic Oncology Update** (Sponsor: University of Utah). Wednesday-Saturday. Park City. 14½ hrs. Fee to be announced. Contact: James Scott, MD, (801) 581-5501.

February 27-March 2—**3rd Annual Park City Dermatology Seminar** (Sponsor: University of Utah). Monday-Thursday. Park City Yarrow (Holiday Inn). 18 hrs. Fee to be announced. Contact: Gerald Krueger, MD, (801) 581-7837.

February 29-March 3—**Nuclear Medicine Update** (Sponsor: University of Utah). Wednesday-Saturday. Park City Yarrow (Holiday Inn). 23 hrs. Fee to be announced. Contact: Andrew Taylor, MD, (801) 581-2716.

March 3-10—**Primary Care: Clinical Problems in Otolaryngology—Head and Neck Surgery** (Sponsor: University of California, San Francisco). One week. Park City. Contact: UCSF, Extended Programs in Medical Education, Room 569U, San Francisco 94143. (415) 666-4251.

March 5-9—**Advances in Internal Medicine** (Sponsor: University of Utah). Monday-Friday. Snowbird. 25 hrs. Fee to be announced. Contact: Jennifer Fossum, (801) 581-7803.

March 8-9—**Lasers in Urologic Surgery** (Sponsor: University of Utah). Thursday-Friday. Park City Yarrow (Holiday Inn). 11 hrs. Fee to be announced. Contact: Jay Smith, MD, (801) 581-7674.

March 9-10—**Primary Care of Hand Injuries** (Sponsor: University of Utah). Friday-Saturday. Park City Yarrow (Holiday Inn). 9½ hrs. Fee to be announced. Contact: Ronald Mann, MD, (801) 581-3713.

March 12-16—**Medical and Surgical Advances in Gastroenterology** (Sponsor: University of Utah). Monday-Friday. Snowbird. 24 hrs. Fee to be announced. Contact: Jennifer Fossum, (801) 581-3581.

March 12-16—**Introduction to Microcomputers for the Primary Care MD** (Sponsor: University of Utah). Monday-Friday. Park City Yarrow (Holiday Inn). 22½ hrs. Fee to be announced. Contact: Larry Lutz/Wayne Peay, (801) 581-8052.

March 16—**Annual Clinical Ophthalmology Meeting** (Sponsor: University of Utah). Friday. Salt Lake City. 6 hrs. Fee to be announced. Contact: Mano Swartz, MD, (801) 581-6384.

March 21-23—**Infection Control Update** (Sponsor: University of Utah). Wednesday-Friday. Salt Lake City. 15 hrs. Fee to be announced. Contact: Sego Matsumiya, RN, (801) 582-6384.

March 22-23—**6th Annual Conference on Medical Genetics** (Sponsor: University of Utah). Thursday-Friday. U of U campus. 14 hrs. Fee to be announced. Contact: John Carey, MD, (801) 581-8943.

March 26-30—**4th Annual Nutrition in Contemporary Medicine Conference** (Sponsor: University of Utah). Monday-Friday. Park City, Shadow Ridge Hotel. 29½ hrs. Fee to be announced. Contact: Jennifer Fossum, (801) 581-7803.

April 20—**Symposia in Infectious Disease** (Sponsor: University of Utah). Friday. Salt Lake City, Hotel Utah. Credit and fee to be announced. Contact: Zell McGee, MD, (801) 581-8201.

June 3-6—**American Society for Lasers in Medicine and Surgery** (Sponsor: University of Utah). Monday-Wednesday. Salt Lake City. 8 hrs. Fee to be announced. Contact: John Dixon, MD, (801) 581-8201.

Note: Dates, times, places and programs are subject to change on occasion. Please check with the sponsoring organization or the Academy for details.

WASHINGTON

This listing of continuing medical education programs in Washington state is compiled by the Washington State Medical Association. To list Category 1 programs here please send information at least two months in advance to Continuing Medical Education, Washington State Medical Association, 2033 Sixth Avenue, Suite 900, Seattle, WA 98121; or phone (206) 623-4801.

Brochures and Registration Forms are available from the contact person or organization listed at the end of each course or in the course sponsors and contact information box.

February 16-17—**Winter Clinical Symposium**. Wenatchee. Thursday-Friday. Thunderbird Motor Inn. Contact: Patti Smith, Washington Chapter, ACEP, 2033 Sixth Ave., Suite 900, Seattle 98121. (206) 623-4801.

February 18—**Radiology Northwest**. Seattle. Saturday. U/W CDMRC. Contact: U/W.

February 18-25—**(IDAHO) Sports Medicine**. Sun Valley. One week. Contact: U/W.

February 23-24—**Respiratory Protection**. Seattle. Thursday-Friday. Contact: Northwest Center for Occupational Health and Safety, Department of Environmental Health, SC-34, University of Washington, Seattle 98195. (206) 543-1069.

February 24-25—**Revolutions in Laboratory Medicine and Pathology: What Clinicians Need to Know**. Seattle. Friday-Saturday. Virginia Mason Hospital Auditorium. Contact: VMMC.

February 29—**Laboratory Diagnosis for Clinicians**. Seattle. Wednesday. Northwest Hospital. Contact: Charlotte Kennedy, Northwest Hospital, Education and Training Dept., 1550 N. 115th St., Seattle 98133. (206) 364-0500, ext. 1737.

March 1-2—**Hospital Infections 1984**. Seattle. Thursday-Friday. Contact: U/W.

March 2—**Occupational Neurological Diseases**. Seattle. Friday. Contact: Northwest Center for Occupational Health and Safety, Department of Environmental Health, SC-34, University of Washington, Seattle 98195. (206) 543-1069.

March 3-10—**(HAWAII) Diagnosis and Drug Therapy**. Saturday-Saturday. Sheraton Royal Waikoloa, Island of Hawaii. Contact: U/W.

March 8—**Diabetes: Latest Concepts in Treatment**. Seattle. Thursday. Ballard Community Hospital. Contact: U/W.

March 9-10—**Hematology and Oncology**. Seattle. Friday-Saturday. Museum of History and Industry. Contact: U/W.

March 9-10—**Focus, 1985: Critical Care**. Tacoma. Friday-Saturday. Tacoma Multicare Medical Center. Contact: Maxine Bailey, College of Medical Education, 705 S. 9th, #203, Tacoma 98405.

March 10-17—**(HAWAII) Financial Planning for Physicians**. Saturday-Saturday. Inter-Continental Hotel, Maui. Contact: U/W.

COURSE SPONSORS AND CONTACT INFORMATION

CME HARBORVIEW—Contact: Gayle Splater, Cytology Continuing Education, Dept. of Pathology, Harborview Medical Center, 325 Ninth Avenue, Seattle, WA 98104. (206) 223-5953.

CME PIERCE COUNTY—Contact: Mrs. Maxine Bailey, Executive Director, College of Medical Education, 705 South Ninth, No. 203, Tacoma, WA 98405. (206) 627-7137.

U/W (UNIVERSITY OF WASHINGTON) — Contact: U/W School of Medicine, Div. of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

VMMC (VIRGINIA MASON MEDICAL CENTER)—Contact: Linda Orgel, Division of Continuing Medical Education, Virginia Mason Medical Center, 1100 Ninth Avenue, P.O. Box 900, Seattle, WA 98101. (206) 223-6898.

- March 14—Medical Ethics.** Seattle. Wednesday. Northwest Hospital. Contact: Charlotte Kennedy, Northwest Hospital, Education and Training Dept., 1550 N. 115th St., Seattle 98133. (206) 364-0500, ext. 1737.
- March 15-18—45th Annual Meeting of the North Pacific Society of Neurology and Psychiatry.** Seattle. Thursday-Sunday. Contact: Mary Helen Pullen, Executive Secretary, Department of Neurology, Oregon Health Sciences University, Portland, OR 97201. (503) 225-7772.
- March 17—Office Laboratory Diagnosis for the Physician.** Seattle. U/W Health Sciences Center. Contact: U/W.
- March 17-24—(HAWAII) Obstetrics and Gynecology.** Saturday-Saturday. Waikiki Hyatt, Oahu. Contact: U/W.
- March 18-25—(HAWAII). The Spine.** Sunday-Sunday. Westin Wailea Beach, Maui. Contact: U/W.
- March 21-23—Spirometry Training for Worker Screening.** Seattle. Wednesday-Thursday. Contact: Northwest Center for Occupational Health and Safety, Department of Environmental Health, SC-34, University of Washington, Seattle 98195. (206) 543-1069.
- March 22-23—Advanced Cardiac Life Support.** Seattle. Thursday. U/W Health Sciences Center. Contact: U/W.
- March 24—Radiology Northwest.** Seattle. Saturday. U/W CDMRC. Contact: U/W.
- March 24-31—(HAWAII) The Injured Patient: Controversies and Challenges.** Saturday-Saturday. Kauai Sheraton, Kauai. Contact: U/W.
- March 29—Pediatric Ophthalmology.** Seattle. Thursday. Children's Orthopedic Hospital. Contact: Patti Smith, Meeting Coordinator, Washington State Academy of Ophthalmology, 2033 Sixth Ave., Suite 900, Seattle 98121. (206) 623-4801.
- March 31-April 7—(HAWAII) High-Risk Infants and Adolescents.** Saturday-Saturday. Inter-Continental Hotel, Maui. Contact: U/W.
- April 2-13—Rehabilitation Medicine Review.** Seattle. Monday-Friday. Sheraton Hotel. Contact: U/W.
- April 4-6—Introduction to Industrial Hygiene.** Seattle. Wednesday-Thursday. Contact: Northwest Center for Occupational Health and Safety, Department of Environmental Health, SC-34, University of Washington, Seattle 98195. (206) 543-1069.
- April 5-6—Arrhythmias.** Seattle. Thursday-Friday. U/W Health Sciences Center. Contact: U/W.
- April 6—John, Jane and Baby Doe: Bioethical Issues.** Seattle. Friday. Children's Orthopedic Hospital. Contact: U/W.
- April 7—Schizophrenia.** Seattle. Saturday. Madison Hotel. Contact: U/W.
- April 12-14—Chronic Disease in Office Practice.** Seattle. Thursday-Saturday. Seattle Sheraton. Contact: U/W.
- April 13-14—Patient Safety and Risk Management in Anesthesia.** Seattle. Friday-Saturday. Westin Hotel. Contact: Patti Smith, Executive Secretary, Washington State Society of Anesthesiologists, 2033 Sixth Ave., Suite 900, Seattle 98121. (206) 623-4801.
- April 14—Radiology Northwest.** Seattle. Saturday. U/W CDMRC. Contact: U/W.
- April 20-21—Endocrine Day.** Union. Friday-Saturday. Alderbrook Inn. Contact: U/W.
- April 26—Travel and Medicine.** Seattle. Thursday. Park Hilton Hotel. Contact: U/W.
- April 27-28—Industrial Back Pain.** Seattle. Friday-Saturday. Contact: Northwest Center for Occupational Health and Safety, Department of Environmental Health, SC-34, University of Washington, Seattle 98195. (206) 543-1069.

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References:

1. Stone PH, Turi ZG, Muller JE: Efficacy of nifedipine therapy for refractory angina pectoris. *Am Heart J* 104:672-681, September 1982.
2. Antman E, Muller J, Goldberg S, et al: Nifedipine therapy for coronary-artery spasm: Experience in 127 patients. *N Engl J Med* 302:1269-1273, June 5, 1980.

BRIEF SUMMARY PROCARDIA® (nifedipine) CAPSULES

For Oral Use

INDICATIONS AND USAGE: 1. **Vasospastic Angina:** PROCARDIA (nifedipine) is indicated for the management of vasospastic angina confirmed by any of the following criteria: 1) classical pattern of angina at rest accompanied by ST segment elevation, 2) angina or coronary artery spasm provoked by ergonovine, or 3) angiographically demonstrated coronary artery spasm. In those patients who have had angiography, the presence of significant fixed obstructive disease is not incompatible with the diagnosis of vasospastic angina, provided that the above criteria are satisfied. PROCARDIA may also be used where the clinical presentation suggests a possible vasospastic component but where vasospasm has not been confirmed, e.g., where pain has a variable threshold on exertion or in unstable angina where electrocardiographic findings are compatible with intermittent vasospasm, or when angina is refractory to nitrates and/or adequate doses of beta blockers.

2. **Chronic Stable Angina (Classical Effort-Associated Angina):** PROCARDIA is indicated for the management of chronic stable angina (effort-associated angina) without evidence of vasospasm in patients who remain symptomatic despite adequate doses of beta blockers and/or organic nitrates or who cannot tolerate those agents.

In chronic stable angina (effort-associated angina) PROCARDIA has been effective in controlled trials of up to eight weeks duration in reducing angina frequency and increasing exercise tolerance, but confirmation of sustained effectiveness and evaluation of long-term safety in those patients are incomplete.

Controlled studies in small numbers of patients suggest concomitant use of PROCARDIA and beta blocking agents may be beneficial in patients with chronic stable angina, but available information is not sufficient to predict with confidence the effects of concurrent treatment, especially in patients with compromised left ventricular function or cardiac conduction abnormalities. When introducing such concomitant therapy, care must be taken to monitor blood pressure closely since severe hypotension can occur from the combined effects of the drugs. (See Warnings.)

CONTRAINDICATIONS: Known hypersensitivity reaction to PROCARDIA.

WARNINGS: Excessive Hypotension: Although in most patients, the hypotensive effect of PROCARDIA is modest and well tolerated, occasional patients have had excessive and poorly tolerated hypotension. These responses have usually occurred during initial titration or at the time of subsequent upward dosage adjustment, and may be more likely in patients on concomitant beta blockers.

Severe hypotension and/or increased fluid volume requirements have been reported in patients receiving PROCARDIA together with a beta blocking agent who underwent coronary artery bypass surgery using high dose fentanyl anesthesia. The interaction with high dose fentanyl appears to be due to the combination of PROCARDIA and a beta blocker, but the possibility that it may occur with PROCARDIA alone, with low doses of fentanyl, in other surgical procedures, or with other narcotic analgesics cannot be ruled out. In PROCARDIA treated patients where surgery using high dose fentanyl anesthesia is contemplated, the physician should be aware of these potential problems and, if the patient's condition permits, sufficient time (at least 36 hours) should be allowed for PROCARDIA to be washed out of the body prior to surgery.

Increased Angina: Occasional patients have developed well documented increased frequency, duration or severity of angina on starting PROCARDIA or at the time of dosage increases. The mechanism of this response is not established but could result from decreased coronary perfusion associated with decreased diastolic pressure with increased heart rate, or from increased demand resulting from increased heart rate alone.

Beta Blocker Withdrawal: Patients recently withdrawn from beta blockers may develop a withdrawal syndrome with increased angina, probably related to increased sensitivity to catecholamines. Initiation of PROCARDIA treatment will not prevent this occurrence and might be expected to exacerbate it by provoking reflex catecholamine release. There have been occasional reports of increased angina in a setting of beta blocker withdrawal and PROCARDIA initiation. It is important to taper beta blockers if possible, rather than stopping them abruptly before beginning PROCARDIA.

Congestive Heart Failure: Rarely, patients, usually receiving a beta blocker, have developed heart failure after beginning PROCARDIA. Patients with tight aortic stenosis may be at greater risk for such an event.

PRECAUTIONS: General: Hypotension: Because PROCARDIA decreases peripheral vascular resistance, careful monitoring of blood pressure during the initial administration and titration of PROCARDIA is suggested. Close observation is especially recommended for patients already taking medications that are known to lower blood pressure. (See Warnings.)

Peripheral edema: Mild to moderate peripheral edema, typically associated with arterial vasodilation and not due to left ventricular dysfunction, occurs in about one in ten patients treated with PROCARDIA. This edema occurs primarily in the lower extremities and usually responds to diuretic therapy. With patients whose angina is complicated by congestive heart failure, care should be taken to differentiate this peripheral edema from the effects of increasing left ventricular dysfunction.

Drug Interactions: Beta-adrenergic blocking agents: (See Indications and Warnings.) Experience in over 1400 patients in a non-comparative clinical trial has shown that concomitant administration of PROCARDIA and beta-blocking agents is usually well tolerated, but there have been occasional literature reports suggesting that the combination may increase the likelihood of congestive heart failure, severe hypotension or exacerbation of angina.

Long-acting nitrates: PROCARDIA may be safely co-administered with nitrates, but there have been no controlled studies to evaluate the antianginal effectiveness of this combination.

Digitalis: Administration of PROCARDIA with digoxin increased digoxin levels in nine of twelve normal volunteers. The average increase was 45%. Another investigator found no increase in digoxin levels in thirteen patients with coronary artery disease. In an uncontrolled study of over two hundred patients with congestive heart failure during which digoxin blood levels were not measured, digitalis toxicity was not observed. Since there have been isolated reports of patients with elevated digoxin levels, it is recommended that digoxin levels be monitored when initiating, adjusting, and discontinuing PROCARDIA to avoid possible over- or under-digitalization.

Carcinogenesis, mutagenesis, impairment of fertility: When given to rats prior to mating, nifedipine caused reduced fertility at a dose approximately 30 times the maximum recommended human dose.

Pregnancy: Category C. Please see full prescribing information with reference to teratogenicity in rats, embryotoxicity in rats, mice and rabbits, and abnormalities in monkeys.

ADVERSE REACTIONS: The most common adverse events include dizziness or light-headedness, peripheral edema, nausea, weakness, headache and flushing each occurring in about 10% of patients, transient hypotension in about 5%, palpitation in about 2% and syncope in about 0.5%. Syncopal episodes did not recur with reduction in the dose of PROCARDIA or concomitant antianginal medication. Additionally, the following have been reported: muscle cramps, nervousness, dyspnea, nasal and chest congestion, diarrhea, constipation, inflammation, joint stiffness, shakiness, sleep disturbance, blurred vision, difficulties in balance, dermatitis, pruritus, urticaria, fever, sweating, chills, and sexual difficulties. Very rarely, introduction of PROCARDIA therapy was associated with an increase in anginal pain, possibly due to associated hypotension.

In addition, more serious adverse events were observed, not readily distinguishable from the natural history of the disease in these patients. It remains possible, however, that some or many of these events were drug related. Myocardial infarction occurred in about 4% of patients and congestive heart failure or pulmonary edema in about 2%. Ventricular arrhythmias or conduction disturbances each occurred in fewer than 0.5% of patients.

Laboratory Tests: Rare, mild to moderate, transient elevations of enzymes such as alkaline phosphatase, CPK, LDH, SGOT, and SGPT have been noted, and a single incident of significantly elevated transaminases and alkaline phosphatase was seen in a patient with a history of gall bladder disease after about eleven months of nifedipine therapy. The relationship to PROCARDIA therapy is uncertain. These laboratory abnormalities have rarely been associated with clinical symptoms. Cholestasis, possibly due to PROCARDIA therapy, has been reported twice in the extensive world literature.

HOW SUPPLIED: Each orange, soft gelatin PROCARDIA CAPSULE contains 10 mg of nifedipine. PROCARDIA CAPSULES are supplied in bottles of 100 (NDC 0069-2600-66), 300 (NDC 0069-2600-72), and unit dose (10x10) (NDC 0069-2600-41). The capsules should be protected from light and moisture and stored at controlled room temperature 59° to 77°F (15° to 25°C) in the manufacturer's original container.

More detailed professional information available on request.

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WESTERN STATE MEDICAL ASSOCIATIONS' MEETINGS

Alaska State Medical Association—4107 Laurel St., Anchorage 99504. (907) 277-6891. Annual Meeting: June 8-12, 1984, Valdez Convention Center.

Arizona Medical Association, Inc.—810 W. Bethany Home Rd., Phoenix 85013. (602) 246-8901. Annual Meeting: April 27-28, 1984, Scottsdale Conference Center, Scottsdale.

California Medical Association—44 Gough St., San Francisco 94103. (415) 863-5522. Annual Meeting: February 10-15, 1984, Disneyland Hotel, Anaheim.

Colorado Medical Society—6825 E. Tennessee, Bldg. 2, Suite 500, Denver 80224. (303) 321-8590. Annual Meeting: 1984—date and place to be announced.

Hawaii Medical Association—320 Ward Ave., Suite 200, Honolulu 96814. (808) 536-7702. Annual Meeting: 1984—date and place to be announced.

Idaho Medical Association—407 W. Bannock St., P.O. Box 2668, Boise 83701. (208) 344-7888. Annual Meeting: July 25-28, 1984, Sun Valley.

Montana Medical Association—2012 11th Ave., Suite 12, Helena 59601. (406) 433-4000. Annual Meeting: October 4-6, 1984, Sheraton, Billings.

Nevada State Medical Association—3660 Baker Lane, Reno 89502. (702) 825-6788. Annual Meeting: May 3-6, 1984, Desert Inn, Las Vegas.

New Mexico Medical Society—303 San Mateo NE, Suite 204, Albuquerque 87108. (505) 266-7868. Annual Meeting: May 2-4, 1984, Santa Fe.

Oregon Medical Association—5210 S.W. Corbett Ave., Portland 97201. (503) 226-1555. Annual Meeting: April 27-29, 1984, Salizhan Lodge, Gleneden Beach.

Utah State Medical Association—540 East Fifth South, Salt Lake City 84102. (801) 355-7477. Annual Meeting: October 3-5, 1984, Hotel Utah, Salt Lake City.

Washington State Medical Association—900 United Airlines Bldg., 2033 6th Ave., Seattle 98121. (206) 623-4801. Annual Meeting: September 13-16, 1984, Westin Hotel, Seattle.

Wyoming Medical Society—P.O. Drawer 4009, Cheyenne 82003-4009. (307) 635-2424. Annual Meeting: June 24-28, 1984, Jackson Lake Lodge, Moran.

(Continued from Page 336)

April 28—**Medicine and Religion.** Seattle. Saturday. U/W CDMRC. Contact: U/W.

May 3-4—**Health Issues for Exercising Women.** Seattle. Thursday-Friday. U/W Health Sciences Center. Contact: U/W.

May 5-6—**Advanced Cardiac Life Support.** Seattle. Saturday-Sunday. U/W Health Sciences Center. Contact: U/W.

May 11—**Adverse Drug Reactions in Surgery.** Seattle. Friday. Ballard Hospital. Contact: U/W.

May 12-13—**Pharmacology for Anesthesiologists.** Seattle. Saturday-Sunday. U/W Health Sciences Center. Contact: U/W.

May 16-18—**Noise Measurement and Control.** Seattle. Wednesday-Thursday. Contact: Northwest Center for Occupational Health and Safety, Department of Environmental Health, SC-34, University of Washington, Seattle 98195. (206) 543-1069.

May 17-18—**Prevention of Chronicity in Back Pain.** Seattle. Thursday-Friday. Seattle Sheraton. Contact: U/W.

May 18—**Basic Computer Understanding.** Seattle. Friday. Seattle Trade Center. Contact: U/W.

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May 24-25—**Hereditary Diseases of the Nervous System.** Seattle. Thursday-Friday. Mayflower Park Plaza. Contact: U/W.

June 1-2—**Health Hazards in the Modern Office.** Seattle. Friday-Saturday. Contact: Northwest Center for Occupational Health and Safety, Department of Environmental Health, SC-34, University of Washington, Seattle 98195. (206) 543-1069.

June 9—**Radiology Northwest.** Seattle. Saturday. U/W CDMRC. Contact: U/W.

June 14-15—**Use of Microcomputers in Occupational Safety and Health.** Seattle. Thursday-Friday. Contact: Northwest Center for Occupational Health and Safety, Department of Environmental Health, SC-34, University of Washington, Seattle 98195. (206) 543-1069.

July 12-13—**Second Annual Conference on Occupational Hazards to Health Care Workers.** Seattle. Thursday-Friday. Contact: Northwest Center for Occupational Health and Safety, Department of Environmental Health, SC-34, University of Washington, Seattle 98195. (206) 543-1069.

July 27-29—**Seafair VI Pediatric Anesthesia and Intensive Care.** Seattle. Friday-Sunday. Seattle Sheraton. Contact: Patti Smith, Washington State Society of Anesthesiologists, 2033 Sixth Ave, Suite 900, Seattle 98121. (206) 623-4801.